

19990302.qrp v01_n383.qrl.990302

Date: Tue, 2 Mar 1999 19:04:33 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1383

QRP-L Digest 1383

Topics covered in this issue include:

- 1) [34507] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 2) [34508] NC20
by Elliott Lawrence <edl@pacbell.net>
- 3) [34509] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 4) [34510] Midland 10M FM Handheld
by K2UD@aol.com
- 5) [34511] NC 20 Question
by "Ron Polityka" <wb3aal@talon.net>
- 6) [34512] NC20 10 Turn Pot
by Elliott Lawrence <edl@pacbell.net>
- 7) [34513] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 8) [34514] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 9) [34515] Sale: Argosy 525D
by Bradley Mitchell <wb8ygg@yahoo.com>
- 10) [34516] EMC Testing
by Rich Vizcarra <RVizcarra@Filss.com>
- 11) [34517] NC 20 Order
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 12) [34518] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 13) [34519] Re: paddles
by "Paul Christensen" <paulc@mediaone.net>
- 14) [34520] CQC Winter QSO Party
by Bob Hightower <ki7mn@extremezone.com>
- 15) [34521] RE: Curtis Keyer Chips, 8044ABM (or other), Do you
by "Jade Products, Inc." <jadepro@jadeprod.com>
- 16) [34522] Antenna Question
by Jeff Johns <jeffj@scott.net>
- 17) [34523] WTB: KC1 for SST.
by Dave Redfearn <n4elm@texoma.net>
- 18) [34524] FOX: Team scores (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 19) [34525] Re: upgrade to General - finally

- by "Roger Lynn" <rlynn@cyberport.net>
- 20) [34526] Hint for: Re: PCP tip
by "Roger Lynn" <rlynn@cyberport.net>
- 21) [34527] Re: upgrade to General - finally
by mwattcpa@earthlink.net (Marty Watt)
- 22) [34528] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 23) [34529] Re: SWL needs top-notch radio.
by Rod Cercone <rlc@fiii.com>
- 24) [34530] N/T+ Fox for this week(last week of hunt??)
by applitech@mcg.net (Claton Cadmus)
- 25) [34531] Re: NC20 10-turn pot
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
- 26) [34532] Re: upgrade to General - finally
by Jeff Johns <jeffj@scott.net>
- 27) [34533] FS:10K 10-turn Pot
by Sonny Haumesser <sphaumesser@netzero.net>
- 28) [34534] Re: CQC at 500 mw
by "Jim Hale" <kj5tf@madisoncounty.net>
- 29) [34535] Re: Linux
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 30) [34536] Re: Super Portable Keyer Paddle
by David Gauding <david.gauding@bbs.galilei.com>
- 31) [34537] Control labels
by william h ross <k6mgo@juno.com>
- 32) [34538] Canadian Fox Alert - again
by Paul Erickson <paule@sfu.ca>
- 33) [34539] Re: Backpacking Rig Battery/charging inquiry
by Joe Gervais <vole@primenet.com>
- 34) [34540] Speed-X key FS
by David Snowdon <norway@interlog.com>
- 35) [34541] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 36) [34542] Hello Buffalo, NY
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 37) [34543] FOX: Team scores (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 38) [34544] Re: Antenna Question
by "Todd Carpenter" <carpentt@citrine.indstate.edu>
- 39) [34545] Re: Backpacking Rig Battery/charging inquiry
by herr@ridgecrest.ca.us (Michael Herr)
- 40) [34546] Re: Homemade ladder line
by "Frank Grigaliunas" <fgrig@iea.com>
- 41) [34547] Futile request
by Brian Murrey <brian@iquest.net>
- 42) [34548] RE: Curtis Keyer Chips, 8044ABM (or other), Do you
by Paul Harden <pharden@aoc.nrao.edu>
- 43) [34549] SST Lives!

by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
44) [34550] AF Amplifier Built! (LONG)
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
45) [34551] Re: My NC20 Transmitter is a bit strange (long)
by David Fifield <fifield@pacbell.net>
46) [34552] N7YA's home page is finally ready!!
by N7YA@aol.com
47) [34553] Re: NC 20 Question
by David Fifield <fifield@pacbell.net>
48) [34554] Re: Linux
by Goran Hosinsky <hosinsky@royac.iac.es>
49) [34555] 2nd post.RE: MFJ WITH non working relay
by RangerSF5@aol.com
50) [34556] AW: [Elecraft] NiMH for my K2
by "Peter Zenker" <Peter_DL2FI@csi.com>
51) [34557] 6M & 2M ssb/cw & Ten Tec Mode B satellite stn 4 sale
by "Jim Hale" <kj5tf@madisoncounty.net>
52) [34558] Re: Homemade ladder line
by Dave Marling <dbm@klis.com>
53) [34559] Re: H.A.A.R.P.
by "Bryan Turner" <turnerw@email.uah.edu>
54) [34560] KH6AFS QSL address?
by "Jim Hale" <kj5tf@madisoncounty.net>
55) [34561] Re: my NC20
by Rod Cercone <rlc@frii.com>
56) [34562] Re: Control labels
by applitech@mcg.net (Claton Cadmus)
57) [34563] Fw: KH6AFS QSL address?
by Fred J Kalt <w2xn@juno.com>
58) [34564] How about QRP-L QSO party?
by Jeff <fantbb@yahoo.com>
59) [34565] Re: Backpacking Rig Battery/charging inquiry
by Niel Skousen <skousen@srv.net>
60) [34566] Re: Super Portable Keyer Paddle
by Mike Dooley <msdooley@airmail.net>
61) [34567] Re: AW: [Elecraft] NiMH for my K2
by Joe Gervais <vole@primenet.com>
62) [34568] CQC Results.
by Ron Stark <ku7y@dri.edu>
63) [34569] Re: How about QRP-L QSO party?
by Joe Gervais <vole@primenet.com>
64) [34570] Re: Control labels
by Roger Hightower <n7kt@earthlink.net>
65) [34571] dan's small parts..
by sergio <sruiz@bright.net>
66) [34572] Re: How about QRP-L QSO party?
by Roger Hightower <n7kt@earthlink.net>
67) [34573]

by "Kent, AE4Y" <ae4y@hotmail.com>
68) [34574] Hill and Horowitz vs Hayes and Horowitz?
by "John Burnley" <JBurnley@ifmc.org>
69) [34575] Icom IC-201 questions
by "Caitlyn M. Martin" <cait.martin@ibm.net>
70) [34576] nc-20
by Brad Mugleston <bmug@gwl.com>
71) [34577] Re: CQC Results.
by Brian Murrey <brian@iquest.net>
72) [34578] Re: CQC Winter QSO Party
by wa8rxi@juno.com
73) [34579] Re: How about QRP-L QSO party?
by Allan G Taylor <k7gt@arrl.net>
74) [34580] FYBO FINAL
by Brad Bradfield <b_bradfield@yahoo.com>
75) [34581] WTB: NC-20!
by "Trung Q. Nguyen" <counsel@primenet.com>
76) [34582] NC 20 Commercial Announcement Coming Soon
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
77) [34583] Panel labels
by Pete Burbank <plburbank@kih.net>
78) [34584] NC20 Third World Kit Status
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
79) [34585] Re: Hill and Horowitz vs Hayes and Horowitz?
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
80) [34586] AW: AW: [Elecraft] NiMH for my K2
by "Peter Zenker" <Peter_DL2FI@csi.com>
81) [34587] Re: Panel labels
by Roger Hightower <n7kt@earthlink.net>
82) [34588] Re: How about QRP-L QSO party?
by DNT1@daimlerchrysler.com
83) [34589] Re: Panel labels
by "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
84) [34590] Re: dan's small parts..
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
85) [34591] Re: Panel labels
by Russ Hines <radioruss@fuse.net>
86) [34592] K-2 users
by dave_epps@juno.com
87) [34593] WTB HP-200LX
by dave_epps@juno.com
88) [34594] RE: [Elecraft] NiMH for my K2
by "Ed Tanton" <n4xy@mindspring.com>
89) [34595] PCB Design Software
by Bill B Lazure <n2tpa@juno.com>
90) [34596] Re: How about QRP-L QSO party?
by Jeff <fantbb@yahoo.com>
91) [34597] Re: dan's small parts..

by Chris Trask <ctrask@primenet.com>
92) [34598] Interesting Article on the Sun
by "Brad Hernlem" <alihernlem@hotmail.com>
93) [34599] Strange transmission revisited
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
94) [34600] Re: dan's small parts..
by "John Moriarity" <k6qq@hdo.net>
95) [34601] Re: PCB Design Software
by kkanalz@optelinc.com
96) [34602] CQC contest
by tom whalen <wb5qyt@eFortress.com>
97) [34603] Re: dan's small parts..
by "Frank Grigaliunas" <fgrig@iea.com>
98) [34604] Re: PCB Design Software
by wgabriel@dukeengineering.com
99) [34605] Re: PCB Design Software
by Lee Richey <WA3FIY@csonline.net>
100) [34606] Solar Charge Controller \$20
by Ronald McConnell <rcmcc@lucent.com>
101) [34607] Long Is. to Newington on 3/7 for NE QRP
by PDouglas12@aol.com
102) [34608] QSL address for DJ7YE
by malman@world.std.com (joel malman)
103) [34609] Gary Scott!!! KT7K
by Scott Gregson - KC7MAS <emtech@steadynet.com>
104) [34610] Re: Panel labels
by "David P. Drake" <dpd@dtpx2.ncifcrf.gov>
105) [34611] Re: How about QRP-L QSO party?
by w4bws@juno.com
106) [34612] N7RR's Homebrew Paddles - Mods
by David Gauding <david.gauding@bbs.galilei.com>
107) [34613] Fw: GQRP - "Everybody Needs Somebody Sometimes "
by "Andy" <andy@gm0nwi.freemove.co.uk>
108) [34614] Antenna Advice: Choke Balun
by malman@world.std.com (joel malman)
109) [34615] comments....TS-50s
by K4NK@aol.com
110) [34616] FS A FEW ODDS AND ENDS
by DONALD DORN <DDORN@CWIS.NET>
111) [34617] Re: Antenna Advice: Choke Balun
by Ron Keener <rkeener@realtime.net>
112) [34618] CW Contacts
by Fred J Kalt <w2xn@juno.com>

Date: Mon, 1 Mar 1999 18:08:46 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34507] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301175824.27387A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...I have all the logs now (thank you guys!) except W8R0 so I will back up a bit and begin with what I'm calling hunt #26....N7CQR and go from there...I did post a hunt #26 N2SMH but scratch that please...of course looking for the usual corrections.... 72 - Bruce (VE5RC+VE5QRP)

...N7CQR - fox hunt #26...

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds- 18.400 - hounds-> K5ZTY,KQ5U,KK5LD

...the Vibro-Fox Finders - 16.200 - hounds -> WE6W,KU7Y,K2VCO,WS8D

...the Underdogs - 15.576 - hounds -> N4ROA,AB7CE,KI0II"CLEAN SWEEP!"

...the Texas Tarantulas-14.250-hounds->N5TW,W5HNS

...the Fox Nabbers - 14.066 - hound -> K0EVZ

...the Brass Pounders - 12.000 - hound -> AK7Y

...the Northern Lights - 10.733 - hounds-> VE6EWM,VE5RC

...the Kentucky Porch Houndz - 9.000 - taking nose sniffing course.

...the Swords - 7.327 - sharpening their teeth.

...the Team Apathy - 4.662 - no joy.

...the Jersey Diddles - 2.825 - hungry lot here.

Date: Mon, 01 Mar 1999 16:01:37 -0800
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [34508] NC20
Message-ID: <36DB2A61.504@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I also procrastinated too long on the initial buy for the NC20. However, I was fortunate to get one of the overrun kits. I have not been paying very close attention to the NC20 discussions other than to see how impressed everyone is with the performance of the completed units.

I need some help on one item, the 10 turn pot. Can someone please provide to me the source/part number etc. on this part? Better yet, does anyone

have an extra pot they would be willing to sell? I will pay closer attention to the NC20 thread in the future.

Thanks es 72
Elliott WA6TLA
NorCal 1402, QRP-L 920, QRP ARCI 9334

Date: Mon, 1 Mar 1999 18:34:27 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34509] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301182617.1889A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...N2SMH.....hunt #27....

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds- 19.150 - hounds-> K5ZTY,KQ5U,KK5LD
...the Vibro-Fox Finders - 16.600 - hounds -> KU7Y,WS8D
...the Underdogs - 16.576 - hounds -> N4ROA,AB7CE,KI0II"CLEAN SWEEP!"
...the Texas Tarantulas - 15.000 - hounds->AB5WX,K5LN,N5TW
...the Fox Nabbers - 14.732 - houndS -> K0EVZ,W0CH
...the Brass Pounders - 12.750 - houndS ->AB8DF,N1FN,AK7Y
...the Northern Lights - 11.066 - hounds-> VE5RC,VE2KN
...the Kentucky Porch Houndz - 9.500 - hound -> NU4N
...the Swords - 6.993 - hounds -> N8VAR,N8IE
...the Team Apathy - 4.995 - hound -> K7TQ
...the Jersey Diddles - 2.825 - hungry lot here.

Date: Mon, 1 Mar 1999 19:48:32 EST
From: K2UD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [34510] Midland 10M FM Handheld
Message-ID: <3d639364.36db3560@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Recently ordered a pair of Midland FM CB handhelds with the intention of converting them to 29MHz. Yes, they are FM. They operate on 3 of the CB radio control channels, crystal controlled. \$29.00 each is pretty cheap. They are likely good for 100mW output.

Has anyone else converted this rig to 10M before that can share their experience? Who might have a schematic for this rig (will Midland even make one available)? Or will I be the guinea pig who will post my findings to this list?

The local 10M FM repeater is 4 blocks away from me, so I should have an excellent chance of making QSOs right from my hand. CU all on 10M FM!

72,

Howard Kraus, K2UD

Date: Mon, 1 Mar 1999 19:52:03 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [34511] NC 20 Question
Message-ID: <00aa01be6446\$e3ecfc40\$1f5445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Section 5
Page 8

Insert and solder C108. . . .etc.

Did you place it into the slot about the marking C108 on the PCB?

Or did you place it in the slot marked Cap, to the right side.

Thanks in advance!!

72 / 73 & Good DX
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Club Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP#1

Eastern Pennsylvania QRP Club Call---> N3EPA

ARCI QRP # 5318 G-QRP # 3031
KL7 QRP # 309 NJ-QRP # 179
Bumblebee #15

Date: Mon, 01 Mar 1999 16:46:59 -0800
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [34512] NC20 10 Turn Pot
Message-ID: <36DB3503.7CD6@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for all of the responses. I have found a spare part.

72
Elliott WA6TLA

Date: Mon, 1 Mar 1999 19:14:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34513] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301191148.5928B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...of course I made a mistake in the Swords score...a typo error...I have made the correction below...sri...72 - Bruce(VE5RC)

..N7CQR - fox hunt #26...

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 18.400 - hounds-> K5ZTY,KQ5U,KK5LD

..the Vibro-Fox Finders - 16.200 - hounds -> WE6W,KU7Y,K2VCO,WS8D

..the Underdogs - 15.576 - hounds -> N4R0A,AB7CE,KI0II"CLEAN SWEEP!"

..the Texas Tarantulas-14.250-hounds->N5TW,W5HNS

..the Fox Nabbers - 14.066 - hound -> K0EVZ

..the Brass Pounders - 12.000 - hound -> AK7Y

..the Northern Lights - 10.733 - hounds-> VE6EWM,VE5RC

..the Kentucky Porch Houndz - 9.000 - taking nose sniffing course.

..the Swords - 6.327 - sharpening their teeth.

..the Team Apathy - 4.662 - no joy.

..the Jersey Diddles - 2.825 - hungry lot here.

Date: Mon, 1 Mar 1999 19:23:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34514] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301191440.5928C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...W8RU.....hunt #28....

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 20.150 - hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"
..the Vibro-Fox Finders - 17.400 - hounds ->WE6W,KU7Y,K2VCO,WS8D
..the Underdogs - 17.242 - hounds -> AB7CE,KI0II
..the Texas Tarantulas-16.000-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
..the Fox Nabbers - 15.398 - hounds -> K0EVZ,W0CH
..the Brass Pounders - 13.500 - hounds ->AB8DF,N1FN,AK7Y
..the Northern Lights - 11.566 - hounds->VE7CQK,VE6EWM,VE5RC
..the Kentucky Porch Houndz - 9.500 - no luck.
..the Swords - 6.993 - hungry hounds.
..the Team Apathy - 5.328 - hound -> K7TQ
..the Jersey Diddles - 2.825 - hungry lot here.

Date: Mon, 1 Mar 1999 17:22:34 -0800 (PST)
From: Bradley Mitchell <wb8ygg@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [34515] Sale: Argosy 525D
Message-ID: <19990302012234.7936.rocketmail@web607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All, I have for sale an Argosy 525 Digital with
matching Power supply. The rig has the 250 Hz

CW filter, and an ER-224 Audio CW filter.

\$500.00

Regards, Brad WB8YGG

E-mail me here:

WB8YGG@yahoo.com

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 1 Mar 1999 17:27:10 -0800

From: Rich Vizcarra <RVizcarra@Filss.com>

To: "'ke3fl@juno.com'" <ke3fl@juno.com>

Cc: "'qrp-1@lehigh.EDU'" <qrp-1@lehigh.EDU>

Subject: [34516] EMC Testing

Message-ID: <1134532B7C60D2119F390060979D0B54086464@net001.LittonSolidState.com>

MIME-Version: 1.0

Content-Type: text/plain

EMC testing is Electromagnetic Compatability Testing. It, as well as EMI (Electromagnetic Interference testing) testing are typical flowdown requirements to Military sub-contractors. Two military standards that we have had to deal with in the past and which required us to go to an outside lab to get perfomed are Mil-Std-461 and 462 (both are for EMI testing). The following URL will take you to the "Document Center" where you can search for military standards in general and other documents that will describe how these tests are performed. A search for "EMC testing" will turn up a long list of references. Unfortunately, there is a fee for these documents, but if you're a manufacturer like we are, it's part of the cost of doing business.
<http://www.doccenter.com/>

Hope this helps.

73,

Rich K6TM

Santa Clara, CA

>-----

>Date: Mon, 1 Mar 1999 08:18:30 -0800
>From: ke3fl@juno.com
>To: qrp-l@lehigh.edu
>Subject: [34451] EMC Testing?
>Message-ID: <19990301.081831.9222.2.ke3fl@juno.com>
>
>Just a quick question, does anyone know what EMC Testing is?
>
>72 & 73 de KE3FL
>Phil K
>
>e-mail: ke3fl@juno.com
>Web: <http://www.qsl.net/ke3fl>
>
> Anyone can buy a radio, an antenna, microphone, plug it in the
> wall and talk, but a real ham can take two pieces of wire and
> beat them together, and send a message when the going gets
> tough.
>
> Talk is cheap, real hams beep.
>
> -----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at
<http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]
>
>-----

Date: Mon, 1 Mar 1999 20:30:56 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ki6ds@dpol.k12.ca.us" <ki6ds@dpol.k12.ca.us>
Cc: QRP-L Discussion Group <QRP-L@Lehigh.edu>, "W.D. (Doc) Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [34517] NC 20 Order
Message-ID: <199903012035_MC2-6C4B-D80F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Doug:

I want one!

Doc Lindsey
P.O.Box 7187
Bismarck, ND 58507

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Mon, 1 Mar 1999 19:45:36 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [34518] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301193449.10245A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...N0UR.....hunt #29....

The 40 mtr Fox Hunt Team Scores

...the Houston Hounds- 20.900 - hounds->K5ZTY,W5SB,KK5LD
...the Underdogs - 18.242 - hounds ->N4ROA,AB7CE,KI0II"CLEAN SWEEP!"
..the Vibro-Fox Finders - 18.200 - hounds ->WE6W,KU7Y,K2VCO,WS8D
..the Texas Tarantulas-17.000-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
..the Fox Nabbers - 16.064 - hounds -> K0EVZ,W0CH
..the Brass Pounders - 14.250 - hounds ->AB8DF,N1FN,K7GT
..the Northern Lights - 12.399 - hounds->VE7CQK,VE6EWM,VE3FAL,VE5RC,VE2KN
..the Kentucky Porch Houndz - 9.500 - no luck.
..the Swords - 7.659 - hounds -> N8VAR,N8IE

..the Team Apathy - 5.661 - hound -> AB7TT

..the Jersey Diddles - 2.991 - hound -> N2T0

Date: Mon, 1 Mar 1999 20:53:07 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34519] Re: paddles
Message-ID: <008801be644f\$6b8f4ce0\$eb2d8118@se.mediaone.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For the past few years, I've been using a compact and precise iambic paddle for all my QRP activity. It is the Galbraith Project paddle and is sold through the New Zealand Association of Radio Transmitters (NZART). I have mine mounted on a brushed, heavy stainless steel base. The paddle has survived many camping and backpacking trips and still maintains its accuracy. You can see it next to my NorCal SST at:

<http://www.qsl.net/w9ac/>

My web page is in a rough beginning, but the image is at the bottom of the opening page. Also, the following URL has the latest details and availability:

<http://www.nzart.org.nz/nzart/branches/chch/branch05/paddle.html>

-Paul, W9AC

----- Original Message -----

>From: Mark Paley <mpaley@wcnnet.org>

>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

>Sent: Sunday, February 28, 1999 8:26 AM

>Subject: paddles

>

>

>>I need some suggestions for CW paddles that are going to be rugged enough
>to

>>carry in a backpack when I start playing QRP in the mountains. In the
past

>>I have traveled with my Bencher paddles--I like the key and for the money
I

>>think it's a good deal but with the tension springs, etc. they don't seem
>to

>>travel well--I'm forever having to adjust, re-adjust, etc.

>> I recently purchased a Whiterook MK-44 key and find that this is just
a

>>bit too flimsy for my purposes--I'm not slamming the key but just want

>>something more solid. I vaguely remember the Nye Viking squeeze-key. If

>>I'm right it was built like a tank. Weight is not as much a consideration

>>with me as durability. I just want something solid, simple, and

>dependable.

>>Thanks,

>>_____

>>Mark Paley--KF8KL--
>>mpaley@wcnet.org
>>ARS #505
>>QRP-L #1899
>>
>>
>>
>

Date: Mon, 01 Mar 1999 18:57:26 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [34520] CQC Winter QSO Party
Message-ID: <199903020154.SAA12497@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just sent my log in, and hope all the others do also. Not a huge score, 31,420 pts, but lots of fun. High points were Jim, AL7FS, Cam, HP1AC, Max, WX1B in NH, and Wayne, KA10X in CT, as well as all the 'old friends' from the list. Thanks for the contacts.

72,73

Bob Hightower KI7MN Chandler, AZ DM43BI

<http://www.extremezone.com/~ki7mn>

Date: Sun, 28 Feb 1999 08:51:10 -0500
From: "Jade Products, Inc." <jadepro@jadeprod.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [34521] RE: Curtis Keyer Chips, 8044ABM (or other), Do you
Message-ID: <00a901be6321\$67cfe120\$a3b6f7cd@engineering>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The problem with the MFJ chip, the 8045ABM is that it is a 28 pin device, as opposed to the 20 pin 8044ABM. The 8044ABM was phased out by Curtis because the technology (the MOS technology) used to make the substrate was outdated and the costs we becoming prohibitive to produce the part.

Thanks for all the responses. If anyone does have a few of the original parts, please let us know.

72, Dennis

Jade Products, Inc..
PO Box 368
East Hampstead, NH 03826-0368
Phone: 603-329-5465
FAX: 603-329-4499
Telephone hours from 16:00 EST to 22:00 EST

Date: Mon, 1 Mar 1999 19:54:55 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [34522] Antenna Question
Message-ID: <199903020154.TAA12450x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

This may be a stupid question for most of you on the list, but I am not the smartest person when it comes to antennas.

I want to be able to use my SW40+ from within my house and have all the necessary components (power supply, key, headphones, etc.). I do have a Rainbow tuner which isn't built yet and have no other tuner. The area where I am going to locate the SW40+ for operating is near a window so I have easy access for running wire out the window.

Now here's the part I don't fully understand. I want to just use a plain simple 1/2 wavelength longwire for my first antenna. Should I run coax from the transceiver outside and then attach the actual antenna wire to the coax or should I attach the actual antenna wire to a BNC connector, attach it to the transceiver and then run this outside? I also understand the need for a counterpoise wire. The counterpoise should be attached to the cabinet or the transceiver, correct? Should the counterpoise wire be any certain length?

I know that these are silly questions and I hope you'll all forgive me for asking. I did learn quite a bit while building the SW40+, even if it didn't work properly upon applying power. The 'doctor' (Dave Benson) gave it some medicine and it's better now and on it's way back to me :)

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Mon, 01 Mar 1999 20:03:19 -0600
From: Dave Redfearn <n4elm@texoma.net>
To: qrp-l@lehigh.edu
Subject: [34523] WTB: KC1 for SST.
Message-ID: <36DB46E7.433D1021@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking for a reasonable KC-1 to go on an SST.
May even be interested in a complete SST w/ KC-1.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 1 Mar 1999 20:08:31 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34524] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301195954.12249B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...WS4S.....hunt #30....

```
*****
The 40 mtr Fox Hunt Team Scores
*****
```

...the Houston Hounds- 21.650 - hounds->K5ZTY,W5SB,KK5LD
...the Vibro-Fox Finders - 18.800 - hounds ->WE6W,KU7Y,WS8D
...the Underdogs - 18.575 - hounds ->KI0II
..the Texas Tarantulas-18.000-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
..the Fox Nabbers - 16.064 - missed the fox tonight.
..the Brass Pounders - 15.000 - hounds -> AB8DF,N1FN,AK7Y
..the Northern Lights - 12.732 - hounds->VE6EWM,VE5RC
..the Kentucky Porch Houndz - 9.500 - no luck.
..the Swords - 7.659 - no luck.
..the Team Apathy - 6.327 - hounds -> K7TQ,AB7TT
..the Jersey Diddles - 2.991 - an "aRFeless" night.

Date: Mon, 1 Mar 1999 18:10:48 -0700
From: "Roger Lynn" <rlynn@cyberport.net>
To: <jpoulin@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34525] Re: upgrade to General - finally
Message-ID: <011d01be6450\$f4c40180\$4279a8d0@rlynn>

Great news, congratulations on the up grade.

Roger Lynn
Novice want-to-be. PS: I study and study that code, can copy it some what from the computer generated programs. When I fire up the Drake R8B and listen to CW it don't seem like it makes a lot of sense. I will not give up. If I can't do code then no Ham hobby for me!

-----Original Message-----

From: JEFFREY MICHAEL POULIN <jpoulin@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, March 01, 1999 5:21 AM
Subject: upgrade to General - finally

>Dear Folks: WEEE HAAAA!!!! I upgraded to Genaral after FINALLY passing the
>13 wpm code test Sunday morning.

>72 de Jeff KF4JSV/AG

Date: Mon, 1 Mar 1999 19:02:32 -0700
From: "Roger Lynn" <rlynn@cyberport.net>
To: <pmk@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34526] Hint for: Re: PCP tip

Message-ID: <011e01be6450\$f59e34e0\$4279a8d0@rlynn>

"Make a Xerox copy" is a good idea for the PCP project but please know that few copiers of any brand copy at 100% or exact size for size. Many copiers are set to enlarge so there will not be black boarder bands due to the placement of the original on the platen glass and for other reasons. The enlargement is significant in most cases. Auto document feeders also do not place the original on the glass as well as you can.

Hand register the document and use the reduction or enlargement to get as close to the copiers best SWL. One will also notice that many copiers will enlarge more in one plane than the other. This is due to the scan speed vs. the lens position. Many walk in copy shops are now featuring the Xerox DC230 digital copier, these units use a scanner, thus the copied image very close to 1:1. Any digital copier will do.

As a Xerox Tech I have been asked to adjust light lens copiers to do 100%. I have done it a few times but it takes hours and not every unit will adjust. I have never been asked to adjust a digital unit.

Roger Lynn

-----Original Message-----

From: pmk@juno.com <pmk@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Sunday, February 28, 1999 9:41 PM

Subject: Re: PCP tip

>Make a Xerox

>copy of the sketch and tape it to the copper clad board

>72 de Patrick KD4OBQ

Date: Tue, 02 Mar 1999 02:18:58 GMT

From: mwattcpa@earthlink.net (Marty Watt)

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [34527] Re: upgrade to General - finally

Message-ID: <36dc310a.36458348@mail.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

On Mon, 1 Mar 1999 07:23:36 -0500, "JEFFREY MICHAEL POULIN"

<jpoulin@erols.com> wrote:

>To all those struggling to upgrade: STAY WITH IT ! If you can improve =
your
>copying speed by only ONE wpm every month or two, you will upgrade =
within a
>year. I am living proof that it can be done despite health problems, =
work
>distractions, and lacking any particular talent for code, as long as the
>interest is there.

And only 7 more months to extra ...

Go for it!

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =

<http://home.earthlink.net/~mwattcpa>

VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce

CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Member -- Tennessee Contest Group

Date: Mon, 1 Mar 1999 20:31:33 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [34528] FOX: Team scores (fwd)

Message-ID: <Pine.LNX.3.95.990301202852.14691A-100000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

...2 log corrections...K0EVZ and KQ5U...so here is the corrected log....

..WS4S.....hunt #30....

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 21.900 - hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"

.the Vibro-Fox Finders - 18.800 - hounds ->WE6W,KU7Y,WS8D
.the Underdogs - 18.575 - hounds ->KI0II
.the Texas Tarantulas-18.000-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"
.the Fox Nabbers - 16.397 - hound -> K0EVZ
.the Brass Pounders - 15.000 - hounds -> AB8DF,N1FN,AK7Y
.the Northern Lights - 12.732 - hounds->VE6EWM,VE5RC
.the Kentucky Porch Houndz - 9.500 - no luck.
.the Swords - 7.659 - no luck.
.the Team Apathy - 6.327 - hounds -> K7TQ,AB7TT
.the Jersey Diddles - 2.991 - an "aRFeless" night.

Date: Mon, 01 Mar 1999 19:27:18 -0700
From: Rod Cerkoney <rwcc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34529] Re: SWL needs top-notch radio.
Message-ID: <3.0.5.32.19990301192718.008909f0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:27 PM 2/24/99 +0000, Ed Loranger wrote:

...
>If anyone has any suggestions for a Receiver for the
>shortwave broadcasts that are very rugged and small,
>I'd appreciate an email here.
>
...

I sent a reply to Ed, but I got to thinking other may wish to know:

Radio Netherlands (SWL Biggie) has a vary nice web site with reviews of
contemporary SWL RCVRs. They used to make this info available in print form.
Perhaps they still do for those with out web access. Check it out at:

http://www.rnw.nl/realradio/rx_index.html

72/3 N0RC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Mon, 1 Mar 1999 20:27:47 -0600
From: applitech@mcg.net (Claton Cadmus)

To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [34530] N/T+ Fox for this week(last week of hunt??)
Message-ID: <02e701be6454\$6bc42640\$a10a5e2c@groucho>

Hello Fox Hunters,

This is the last couple weeks of the Foxhunts and I'm going to be there so you guys have a few more chances to get this N/T+ yet. Don't count on me for next year, I plan to upgrade very soon. Codes getting better and I'm really starting to find the fun in it. I've got all the QSL cards from the past hunts in the mail. I'm only sending one to a customer so there is no additional cards if you caught me more than once. Rig here is either an Omni D turned down to five watts or a SW40+ at 1.8 watts feeding a 100 foot dipole up about 35 feet or so.

Also, I'm changing the exchange a bit to speed things up. I'm not going to send my name, state, and qrp-1 number. You guys already know that. It's Cla MN 719. I will only be sending RST and your call unless asked. See the modified exchange below. I really want to log a lot of contacts in the next two week so I hope this change will help.

Look for me Tuesday evening this week 20:00 to 22:00 CST (2:00 to 4:00 next day UTC). Will start out around 7.108 MHz.

Also look for me Thursday evening this week 20:00 to 22:00 CST (2:00 to 4:00 next day UTC). Will start out around 7.108 MHz.

Please call me at my sending speed or a bit slower as I tend to send a little faster than I can receive easily. Hunters sending above my speed will find themselves without a pelt!

I'll call using:
CQ FOX CQ FOX DE KA0GKC KA0GKC K

I will then try and pull a call out of the pack and reply,

URCALL RST #### DE KA0GKC KN

Then if you would reply in this double format below it would be helpful to me or send RST? RST? if you missed it.

R R RST #### ST ST NAME NAME NR # NR # DE URCALL KN

And I'll ask for fills or end the QSO with;

TU 73 QRZ FOX DE KA0GKC K

Good luck all the way around, I'll try my best to work you!

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 1 Mar 1999 18:35:09 -0800

From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>

To: <edl@pacbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [34531] Re: NC20 10-turn pot

Message-ID: <19990302023634.BITN13305@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Mouser (800-346-6873) has one which will work FB.

Part # 569-7286-10k. When I bought mine a month ago the list price was about \$11.50, plus shipping (and Tax if you live in a state where Mouser has a plant). Total cost about \$15.

72/73 es GL de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/qrp.html>

alan.kaul@worldnet.att.net

w6rcl@amsat.org

Date: Mon, 1 Mar 1999 20:44:06 -0600

From: Jeff Johns <jeffj@scott.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [34532] Re: upgrade to General - finally

Message-ID: <199903020244.UAA02263x@scott.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit

Content-Transfer-Encoding: 8bit

On Mon, 1 Mar 1999 18:10:48 -0700, "Roger Lynn" <rlynn@cyberport.net> wrote:

> Novice want-to-be. PS: I study and study that code, can copy it some what
> from the computer generated programs. When I fire up the Drake R8B and
> listen to CW it don't seem like it makes a lot of sense. I will not give
> up. If I can't do code then no Ham hobby for me!

Don't feel lonely Roger! I got my 5wpm and upgraded to Tech+ but the few times I have listened to code on 10 meters, it just sounded like gibberish to me :(What I have done is bought and built a kit, I have also bought a few other goodies. Hopefully, by the end of the week I'll have a qrp station on the air. I figure, now that I have made a financial commitment, I have to become proficient with CW. I have always managed to do most everything that I have seriously made up my mind to do and it seems that everyone on the list has so much fun with CW, I want to join in on the fun! Good luck and keep studying, if I can pass the 5wpm test, anybody can <grin>.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Mon, 01 Mar 1999 21:39:53 -0500
From: Sonny Haumesser <sphaumesser@netzero.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34533] FS:10K 10-turn Pot
Message-ID: <36DB4F79.C7C49A4B@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have two (new) 10k 10-turn pots I would sell.

e-mail me direct please.

Sonny, KE9IX <><
Terre Haute, IN #1696

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at

<http://www.netzero.net/download.html>

Date: Mon, 1 Mar 1999 20:37:54 -0600
From: "Jim Hale" <kj5tf@madisoncounty.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [34534] Re: CQC at 500 mw
Message-ID: <001401be6457\$1a8af800\$3a59edd0@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great to hear so many of you'all trying milliwatts. Its amazing how well they can work. I called Joe AB7TT with 30mW many times but it didnt work, so up to 50mW, still no good. Then up to 70mW and we made it fine. Lots of QRN.

I heard Steve N0TU, but didnt get a chance to work him. Too bad. But we had a QSO as he was mobile with his bug catcher. He copied me running 40mW on 7.040 one morning. So I know he hears very well.

Larry, WD3P in MD with that simple dipole did very well too. Anytime you can work with 35mW your on a roll.

K7TQ (Randy in ID) at 500mW. Great! More milliwatters!

AB4MZ (Bob in NC) reported running 1 watt, close enough to be an honorary milliwatter. ;-)

I agree! Just see how little diference there is between 1 watt and 500mW... Not allot of change in your signal report - try it and see.

A QSO with less power than a nose blow? Yep!

When your down around 35mW your running less power than the LED's on a big rig draws!!! I think.....

>From Larrys post;

"On the WAS QRPP front as of last night (I added NM today) it stood at 38 states with 8.708 Watts."

Thats great Larry! Anyone keeping score for the mW WAS award?

I'm standing at 34 states and 1.408 watts.... But I need to recheck my score with the contacts I made in the CQC test. No new states, but I lowered the score maybe. More later. And thanks to all the good ears out there!

72, 71's de Jim KJ5TF

Date: Mon, 01 Mar 1999 22:15:46 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: dhhogan@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34535] Re: Linux
Message-ID: <36DB57E1.4631837@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just bought the version with the Penguin on it for the day job. It is supported by McMillan software (as in Macmillan Publishing). It includes an install CD, a source code CD and a third CD containing several Linux books. I have seen the blue box with the bullseye. I think that this is supported by Mcmillan also but I am not sure. The blue box might contain an additional apps disk in addition to the install files (not sure about this...check it out).

Now a question for the Linux gurus

I partitioned the hard drive on my PC using Partition Magic. One partition is for Linux, the other is for W98. For a variety of reasons (mostly because the BIS people in my shop totally lacking in intrinsic value) I do not have web access through the Linux partition. I have downloaded KDE shell and an important seismic processing app to files in the W98 partition. How can I get them into the Linux partition?

I have been told that using the mmount command in mtools should work but it seems only to work for mounting a floppy drive. Anyone have a suggestion?

Tnx

Henry

Date: Mon, 01 Mar 1999 20:17:24 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [34536] Re: Super Portable Keyer Paddle
Message-ID: <1.5.4.32.19990302021724.00987cc4@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I couldn't agree more with N7RR's comments on his little momentary switch keyer. My first set was built eleven years ago per the 1987 article in Sprat. They still work perfectly today! I use them portable and at home. As a matter of fact the little paddles were lent to W0NVM two weeks ago so he could try them mobile.

My paddles have one major mod. I glued them together and inserted the assembly into a plastic pill bottle. The connection to the keyer is handled by three conductors of flat computer cable to a 1/8" plug. The strain relief is a tie-wrap.

Three quick thoughts to add to Bruce Prior's original article: 1) We reprinted his excellent project in the St. Louis QRP Society's newsletter in 1987. Looking back at the article now he was VE7CKF in those days. 2) The softest touch switches usually work the best but not always. It depends on your keying style. 3) With a little practice it's possible to use the pill bottle-style paddles one-handed. Neat stuff! However, for most folks holding the paddles (or plastic bottle) in one hand and operating with the other is the way to go.

Over the years I have tried to modify the paddles with larger fingerpieces. Also, recorded several failed attempts to shorten the plastic (hard-as-steel) actuating buttons to make the travel shorter. My final word on the matter is the paddles work exactly as N7RR intended. Don't try to fix 'em! <g>

Finally, these things are addictive because they work as advertised and the cost to build is almost nil. Aside from weighing next to nothing they are great for portable ops when there is no flat surface available for a regular set of paddles.

Thanks, Bruce! What a great project!

de Dave, NF0R nf0r@slacc.com

Date: Mon, 1 Mar 1999 18:55:50 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [34537] Control labels
Message-ID: <19990301.185551.-3193501.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi ,

Well, I finished my NC20 and now am thinking of painting the case. But, what to do to label the controls after the painting?
In the "olden days" we had some kind of rub-ons that worked pretty good, but, haven't seen them around anymore.
I don't have engraving equipment. And my computer printer is an old epson dot matrix, but I can use it to print labels, but then I would have to cut them out and glue them on? Not too sharp.
Anyone got any good, easy ideas?
Thanks, in advance, and thanks to the NORCAL team that did so much to make this a really fun project.
72, Bill K6MGO Marina Del Rey, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 1 Mar 1999 19:04:18 -0800 (PST)

From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp)
Subject: [34538] Canadian Fox Alert - again
Message-ID: <199903020304.TAA21536@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, tomorrow is my second turn in the hot seat.

The fox will begin running at 0100z March 3rd (tuesday March 2nd in North America) until 0300z.

Hope to put a few more of you in the log this time.

I will, again, be operating from a friends place, using a ts850 cranked down to 5 watts, and a 2 element klm at about 70ft.

Hopefully, this time I will remember to turn off the attenuators;-)

Please send your call only once!!!!!! Those of you with the capability, please spread out. I will be listening initially up about 500hz to 1khz, which should make it a little easier for those without rit on my frequency.

Paul, any chance of better conditions this time???

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Mon, 1 Mar 1999 20:13:12 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: rhiller@sysdev.com
Cc: qrp-1@lehigh.edu
Subject: [34539] Re: Backpacking Rig Battery/charging inquiry
Message-ID: <199903020313.UAA22554@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Rick (and Folks),

Rick (W5RH) wrote:

>

> I'd be interested in hearing from other backpacking QRP'ers as to what
> battery/ charging system they have in use.

>

> My scenario is to use the Norcal 20(repackaged). Operation would be a
> maximum of 1.5 hours per day with a 15% transmitting use. Duration of
> backpacking trip is 12 days.

Speaking more as a backpacker (an ultralight freak
at that - <www.primenet.com/~vole/ultralight.html>)
than a QRPer at the moment, 12 days of gear/supplies
is already going to weigh you down an AWFUL lot.

The NC20 is a great rig by all indications, but it
wasn't designed to be a minimal-current-drain rig,
like the SW+ Series from Small Wonder Labs or the SST
Series from Wilderness Radio (about 15mA rcvr drain
each).

Since this is going to be a long backpacking trip, and
QRP seems to be a pleasant sideshow of your trip rather
than a centerpiece, I'd strongly suggest you consider
cutting your weight a few pounds by trying a different
station setup.

My current backpacking (w/ QRP as sideshow) station uses
an SST-20, a Whiterook paddle (very light), AAA-batts,
"earbud" headphones, a 1/2-wave 24-ga wire antenna with
counterpoise, and a ZM-2 tuner. The ZM-2 should really
be replaced by a Rainbow Tuner to minimize space/weight,
but I haven't gotten around to that yet.

(With a tuned dipole and feedline I could dump the tuner,
but until you've tried to get a dipole up on Day 4 of a
cold, wet trip high on a windy ridge, the elegance of a
1/2-wave "toss one end in a tree, orientation be damned"
setup may not be apparent to the casual reader. ;-))

When QRP is the *reason* for the trip, I add my Sierra,
solid knee key, and beefier batteries.

Last long trip I took was 8 days along part of the John
Muir Trail, total pack weight (including food, QRP gear
and a 3-lb "bear can") was just a tad over 30 lbs. With
my bad knees, lightweight backpacking isn't a lark, it's

a necessity. ;-)

Last week (?) someone posted an excellent analysis of how to determine battery requirements based on Rcv/Xmit drain, etc. It's in the QRP-L archives somewhere. If you can dig it up, it'd be a great starting point.

Anyway, pardon my ramblings. Backpacking and QRP are my only hobbies, I tend to get very enthused about each of them. :-) Please let us know how it goes! Better yet, write it up for the Adventure Radio Society!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave, Fellow Snow Camper

Date: Mon, 1 Mar 1999 22:22:51 -0500 (EST)
From: David Snowdon <norway@interlog.com>
To: qrp-l@Lehigh.edu
Subject: [34540] Speed-X key FS
Message-ID: <Pine.BSI.3.96r.990301222131.10677A-100000@shell1.interlog.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For about a year I've tried to learn to use my Speed-X key, but have now admitted defeat. I'll stick to my side-swiper for the time being. So the E.F. Johnson (# 114-520) Speed-X semi-auto key is up for sale. It is in excellant condition, without any chipping or rust evident.

I don't know how much it is worth, so I'll sell it to the highest bidder. On Friday I'll tell the top bidder that he has bought the key. Postage via air mail will be about \$15US from Toronto.

If interested, please E-mail me at: norway@interlog.com

norway@interlog.com David Snowdon (VA3DKS) Toronto, Ontario, CANADA

Date: Mon, 1 Mar 1999 21:44:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [34541] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301213206.23136A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

*****...can you believe the battle going on between the Vibro-Fox Finders
and the Underdogs?...awesome!...*****

..K1MG.....hunt #31....

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 22.900 - hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"

...the Vibro-Fox Finders - 19.600 - hounds ->WE6W,KU7Y,K2VC0,WS8D

...the Underdogs - 19.575 - hounds ->N4ROA,AB7CE,KI0II"CLEAN SWEEP!"

...the Texas Tarantulas-18.750-hounds->K5LN,N5TW,W5HNS

...the Fox Nabbers - 17.063 - hounds -> K0EVZ,W0CH

...the Brass Pounders - 15.500 - hounds -> N1FN,AK7Y

...the Northern Lights - 13.398 - hounds->VE7CQK,VE6EWM,VE5RC,VE2KN

...the Kentucky Porch Houndz - 9.500 - no luck.

...the Swords - 8.325 - hounds -> N8VAR,N8IE

...the Team Apathy - 7.327 - hounds -> AB7ST,K7TQ,AB7TT apathy? maybe not!

...the Jersey Diddles - 3.157 - N2T0

Date: Mon, 01 Mar 1999 22:31:02 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [34542] Hello Buffalo, NY
Message-ID: <36DB5B76.1E980425@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there anyone from the Buffalo, NY area coming down to ATLANTICON???

I need to get a piece of gear to someone in that area. I have swapped somebody a couple of rack mount radios and, while I can get the radio's shipped no problem, the rack (at 50" tall) is oversized for UPS and FEDEX. If anyone can help out please get in touch with me.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 1 Mar 1999 22:16:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [34543] FOX: Team scores (fwd)
Message-ID: <Pine.LNX.3.95.990301220719.27646A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...AB0GO.....hunt #32....

The 40 mtr Fox Hunt Team Scores

..the Houston Hounds- 23.900 - hounds->K5ZTY,W5SB,KQ5U,KK5LD"CLEAN SWEEP!"

...the Vibro-Fox Finders - 20.400 - hounds ->WE6W,KU7Y,K2VCO,WS8D

...the Underdogs - 20.241 - hounds ->N4ROA,AB7CE

...the Texas Tarantulas-19.750-hounds->AB5WX,K5LN,N5TW,W5HNS"CLEAN SWEEP!"

...the Fox Nabbers - 17.396 - hound -> K0EVZ

...the Brass Pounders - 16.250 - hounds -> AB8DF,AK7Y,K7GT

...the Northern Lights - 14.064 - hounds->VE6EWM,VE3FAL,VE5RC,VE2KN

...the Kentucky Porch Houndz - 9.500 - no luck.

...the Swords - 8.325 - gosh, darn, gee whiz.

...the Team Apathy - 7.327 - then again, maybe.

...the Jersey Diddles - 3.157 - hungry hounds.

Date: Tue, 2 Mar 1999 00:24:46 -0500
From: "Todd Carpenter" <carpentt@citrine.indstate.edu>
To: "qrp-L" <qrp-l@Lehigh.EDU>, <jeffj@scott.net>
Subject: [34544] Re: Antenna Question
Message-ID: <5B191C41F2C@citrine.indstate.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, Jeff. From my humble experiences, I would suggest that you try a folded dipole. It is a popular antenna that performs well. You could easily build one for less than \$20. I am building one for 80m. Lowes Hardware store has the wire (300 ohm tv antenna wire) for .09 cents a foot here in Indiana. I found plans to build one in the ARRL Handbook (1989 edition) It does usually require a tuner. It is a light weight cheap good performing antenna. Another good one is an end fed antenna. Good luck!
73, Todd.

> From: Jeff Johns <jeffj@scott.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Antenna Question
> Date: Monday, March 01, 1999 8:54 PM
>
> This may be a stupid question for most of you on the list, but I am not the
> smartest person when it comes to antennas.
>
> I want to be able to use my SW40+ from within my house and have all the
> necessary components (power supply, key, headphones, etc.). I do have a
> Rainbow tuner which isn't built yet and have no other tuner. The area
where
> I am going to locate the SW40+ for operating is near a window so I have
easy
> access for running wire out the window.
>
> Now here's the part I don't fully understand. I want to just use a plain
> simple 1/2 wavelength longwire for my first antenna. Should I run coax
from
> the transceiver outside and then attach the actual antenna wire to the
coax
> or should I attach the actual antenna wire to a BNC connector, attach it
to
> the transceiver and then run this outside? I also understand the need for a
> counterpoise wire. The counterpoise should be attached to the cabinet or

the
> transceiver, correct? Should the counterpoise wire be any certain length?
>
> I know that these are silly questions and I hope you'll all forgive me
for
> asking. I did learn quite a bit while building the SW40+, even if it
didn't
> work properly upon applying power. The 'doctor' (Dave Benson) gave it
some
> medicine and it's better now and on it's way back to me :)
>
> 73 Jeff
>
> *----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
> |jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
> | Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
> |200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
> *-----*

Date: Mon, 1 Mar 1999 21:28:33 -0800 (PST)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@lehigh.edu, rhiller@sysdev.com
Subject: [34545] Re: Backpacking Rig Battery/charging inquiry
Message-ID: <v01530500b300b2ad096a@[208.138.142.210]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rick,

I've always taken a slightly different approach to batteries. I use a 9 cell AA battery pack. This allows me to use the batteries most of the way down the discharge curve. Also, all the other electrical equipment I drag along, ie flashlights, GPS, etc, all use AA cells. This allows me to move the batteries around to where is needed. I have used this for casual operation for 6 day trips. Probably for 12 you will either need to pack along extras or go your recharge route. Either way I still suggest the AA cell way.

My latest creation of the backpacking radio will use the ESP-1 power supply, as a selectable option, which will allow me to use almost any battery and squeeze down to the last volt.

...Mike WA6ARA

>

>Howdy QRP-L'ers,

>

>I'd be interested in hearing from other backpacking QRP'ers as to what
>battery/ charging system they have in use.

>

>My scenario is to use the Norcal 20(repackaged). Operation would be a
>maximum of 1.5 hours per day with a 15% transmitting use. Duration of
>backpacking trip is 12 days.
>
>I have thought of using the small flat pack cell-phone batteries at nominal
>1500mah at 12 v. Charge would be through a solar panel (say 14 volt with
>50 mils out) with an inline solar charge controller (might not be necessary
>though).
>
>Hope you fellow QRP'in backpackers can provide me with some good feedback.
>
>Thanks and 73....Rick...W5RH
>
>
>Rick W5RH in Houston

Date: Mon, 1 Mar 1999 21:28:52 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: <fgrig@iea.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34546] Re: Homemade ladder line
Message-ID: <199903020529.VAA16153@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I <fgrig@iea.com> wrote:

> What I propose to do is to cut some sections of 1/2-inch PVC pipe,
probably
> 4 inches long. I would then drill holes 1/2 inch in from either side to
> fit some 14-guage house wire. I would place the pipe sections about 6 to
8
> inches apart, and then fill the open ends with silicon caulk until it
oozes
> out by the wire.

And I got about 27 replies, both on the list and privately. Most of you
said that my proposal would weigh a ton, sag like nobody's business, and
flop all over the place in the wind.

Come to think of it, you're right.

One of my favorite solutions came from 'Seab' Lyon, AA1MY, from Beacon, NY.

He had a 12-step program for making the spacers from weed-whacker line while drinking beer.

A lot of other people, though, suggested I save my time and effort and just buy some pre-made line, which I think is what I'll do. There was a posting here a while back for the dipole exercise documented by Marshall, N1FN, but I'll repeat it for those who missed it:

<http://www.mtechnologies.com/dipole/index.htm>

I'll probably be a month or two getting the new antenna made, but I'll let you all know how it works.

See my post tomorrow for my newest problem.

--Frank, AB7yt

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Tue, 02 Mar 1999 00:32:23 -0500
From: Brian Murrey <brian@iquest.net>
To: qrp-l@lehigh.edu
Subject: [34547] Futile request
Message-ID: <36DB77E7.2548ACB2@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know this is probably just a waste of bandwidth, but here goes.

If you have a complete, unbuilt NC20 kit that you do not want, I will buy it from you. I was too busy to order the first time around, and too late to order one of the insurance rigs. It stinks to be me today.

<sniff, sob>

72 es BCNU ON 40 BUT NOT 20

Is there any chance that Wilderness Radio, or someone, will be selling the NC20 kits later? Perhaps a NC20A? I dearly love my 40A rig and would be thrilled to have a NC20 sitting next to it.

Now for 30M, what kit should I buy?

--

=====

KB9BVN: Norcal 40A - 1.8W - Attic Dipole
FISTS: 5695 NORCAL: 2792 QRP-L: 1540
QTH: Central Indiana, GRID: EM69WN

=====

Date: Mon, 1 Mar 1999 21:51:48 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "Jade Products, Inc." <jadepro@jadeprod.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [34548] RE: Curtis Keyer Chips, 8044ABM (or other), Do you
Message-ID: <Pine.SOL.3.91.990301215007.14852C-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 28 Feb 1999, Jade Products, Inc. wrote:
> The problem with the MFJ chip, the 8045ABM is that it is a 28 pin device, as
> opposed to the 20 pin 8044ABM.

Dennis,
I did not know that difference exists. Thanks for clarifying that for
me and the others. Shucks :-(

72, Paul NA5N

Date: Mon, 1 Mar 1999 23:49:14 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [34549] SST Lives!
Message-ID: <000101be6470\$676464e0\$0100a8c0@elwood>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, as I noted before I had narrowed my SST's TX problem to a bad final

transistor. I ordered up a replacement last night, as well as a compatible "hop-up" part with more gain. Tonight, I was sitting around getting impatient so I started searching for a suitable replacement in the shack. After looking and looking I finally came across an old Regency VHF business band radio. I decided that might be a likely prospect for the power I was looking for (it put out about 5w), so I popped open the case and traced back from the RF jack to find the final. I find the final, it's marked with Motorola's logo - and is numbered "696-3", and below that "536". Now I don't know a LOT about transistor markings, but I assumed this to be an MRF536. I search for this online, and discover a listing that shows this transistor to be close to what I'm after (at least somewhat similar to the 2SC799 that comes with the SST). I pop this thing in, make my solder joints, turn on the SST, key down, and WOW! I'm greeted with the swinging needle of my OHR WM-2. Showing about 1.5w out. Not stellar, to be sure, but more than adequate until my ECG-341 gets here. Yippee! Woohoo! My first kit radio is on the air! Now I just need to get the Gap vertical up for 30m...until then I'll just drag the rig into the club station ;) Now, I could have been wrong about the transistor markings and just got lucky - would any of you guys that know more about this than myself (and might also have a transistor data manual) care to comment??? Also, some verification that this part is at least temporarily happy with it's new living arrangements would be nice... From a newbie's perspective, coming up with something like this is the highlight of the week...

73,
Nathan
KB0NNV

Date: Mon, 1 Mar 1999 21:49:24 -0800
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [34550] AF Amplifier Built! (LONG)
Message-ID: <19990301214924.A25606@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, in my eternal quest to eventually design and build my own radio, I had complete and total fun trying to build an audio amplifier for it.

The URL for the schematic is:

<http://dolphin.openprojects.net/~kc5tja/af-amp-1.gif>

YES, I know I could have used a better op-amp circuit. NO, the resistor and capacitor values are not optimal -- I really don't even remember how to

derive such values. NO, I'm not (yet) trying to go for high performance, and YES, I understand that high performance makes listening a pleasure, instead of a chore. YES, I plan on re-visiting or, at least, re-engineering the circuit. YES, I am open to constructive criticism pertaining to this circuit -- feel free to offer suggestions!

With that in mind, let me remind all who is interested that this is primarily for self education. I learned a great deal about how to handle extremely high gain amplifiers.

FIRST RULE OF MAKING HIGH GAIN AF AMPLIFIERS:

DO NOT use Radio Shack brand breadboards. With the extreme amounts of single-stage gain, combined with the close spacing of the 1458's output to its inputs, AND the extremely high capacitance of such breadboards, self-oscillation is the tendency. Your life WILL be hell if you take this approach.

I was trying to strive for a voltage gain of 1000 (power gain of 60dB) per stage, thus giving me an even 120dB of gain all total. I ended up using a gain of 2136 per stage, since those were the only standard value resistors I had on hand. This yielded a total calculated gain of 132dB.

I started out with C10 set to 0.01uF -- at this time, the second stage has not yet been built -- it was feeding directly into the o-scope for this part. Also, the non-inverting input of U1a was attached to both a 220-ohm resistor (left floating), and a 470K ohm resistor to ground. In otherwords, U1a was wired as a differential amplifier, which was my original intent.

I found that the op-amp would go into oscillation if I touched the inverting input (through its 220-ohm resistor, of course), but not the non-inverting input (I just got 60Hz buzz [normal and expected] when I touched the non-inverting input). I still don't know why this is. But it was. In an attempt to figure out what was going on, I started playing with the resistor scheme on the non-inverting input. I tried placing the 220-ohm resistor to ground as well as the 470K, and even took the 470K out. No change. Weird.

(Aside: Every parallel capacitance and resistance has an equivalent series circuit. With this in mind, and since the negative input and the output were right next to each other on the chip, the stray capacitance of the breadboard combined with the feedback resistance R14 caused capacitive pickup in both the inverting and non-inverting inputs to the chip, that was in a phase conducive to self-oscillation. Since it was wired as a differential amplifier, and since the rows in the breadboard makes a capacitive voltage divider, there's always a difference on the inputs -- thus causing a voltage swing on the output. I tried placing a cap between the two inputs, but no avail -- it didn't work. But that's what I think is happening.)

Thinking it had something to do with the output driving an o-scope probe, I decided to build the second stage of the amplifier. That was a mistake. That stage, working perfectly, amplified **EVERYTHING** in the first stage, including all of its tendency to oscillate. There was nothing I could do, short of powering it off, to stop the oscillations.

I was completely baffled by this. Just on a hunch, I replaced C10 with its current value of 0.22uF, powered it back on, and viola -- all I could hear was hiss. It was beautiful -- until I touched the negative input to the amplifier. It squealed at around 12.5kHz, with lots of noise -- primarily 60Hz hum. Knowing I was on the right track, I decided to also touch the positive input -- the squeal remained, but the 60Hz hum was GONE! It was finally acting as an amplifier. Now to get rid of that pesky oscillation.

(Question: Why could C10 make a difference? Using a larger value of C10 also makes it oscillate. Any ideas why?)

The cause of the oscillation was primarily placement of components, it turned out. I moved things about on the breadboard, and the problem went away. Now to get some audio into this thing, to truly test the amplification.

I ran a long wire from the CD player that I have to the amplifier I built. This was just some magnet wire I had strewn onto the floor, wrapped around a speaker a few times, and brought back to the amplifier. One end of the wire was grounded. The intent was to magnetically sample the output of the speaker, so that I could hear it at the amplifier. With remote control in hand, I went back to the amplifier circuit, and put on the headphones. Much to my surprise, I heard the local Palomar College AM radio station (Underground Radio, 1320 AM). However, it wasn't very strong, but it was well above the noise level of the amplifier.

After fooling around with the resistor arrangement on the input to the amplifier (thinking it was an impedance mismatch), I finally got the station to come in remarkably loud. So loud, in fact, that I had to insert a volume control in front of my headphones!! I was pleased as punch, to say the least, and to boot, Underground started playing Peter Gabriel -- one of my favorite artists. At this time, I found it prudent to indulge myself, and enjoy some music. **grin**

Trying to get even more gain out of the amplifier, and reduce internal losses, I decided to replace C10 yet again with a larger value -- this time, a 0.47uF capacitor (like C20). BIG mistake -- it oscillated so bad that I nearly jumped out of my seat. I actually had to listen to a real CD to test the headphones to make sure I didn't damage them. Fortunately, I didn't.

After replacing C10 with 0.22uF again, the radio worked as before. I was really quite puzzled at this, and remain so to this time. But it works, and

I'm not complaining.

I'm still fiddling with the circuit, but more news will come as I learn more...

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Mon, 01 Mar 1999 23:17:33 -0800
From: David Fifield <fifield@pacbell.net>
To: dle@san-jose.tt.slb.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34551] Re: My NC20 Transmitter is a bit strange (long)
Message-ID: <36DB908C.308E2A53@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Danh,

I have noticed that it is much easier to tune up the NC20 transmitter AFTER you have set the TX offset frequency using TC7. It isn't easy to adjust TC7 until you have the transmitter tuned up properly (sort of chicken and egg problem), so compromise by setting TC7 to half capacitance and then tuning up the transmitter. This has the same effect.

The problem seems to be one of feedback to the NE602's oscillator from the transmitter output. It messes up the tuning completely! With TC7 set to maximum capacitance (as shipped, new) the circuit seems most sensitive to this. Once you set TC7 to half-way, the problem goes away.

Don't forget (everyone) that you should only tune up the transmitter with about 1 watt of output. Keep the DRIVE control low to ensure this. In common with most power amplifiers, tuning up at low powers ensures good results whereas tuning up at high power doesn't work at all well (the tuning controls will seem to have little effect, unless you are looking at a spectrum analyzer to do this!).

72, Dave Fifield, AD6A

Danh Le wrote:

...

> Here is a few things I observed while playing with aligning
> the NC20 transmitter:
snip

Date: Tue, 2 Mar 1999 02:32:01 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [34552] N7YA's home page is finally ready!!
Message-ID: <a2e83e53.36db93f1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang! i am now on the web!! i just read that Jim, AL7FS, has his page up...i thought i would follow suit. its not a bad little page for my first attempt.

if you want to go have a look, its at:
<http://members.aol.com/n7ya/personal/index.htm> i know its a bit lengthy,
but i would like to know what you all think....thanks!!

73...Adam, N7YA

Date: Mon, 01 Mar 1999 23:44:39 -0800
From: David Fifield <fifield@pacbell.net>
To: wb3aal@talon.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34553] Re: NC 20 Question
Message-ID: <36DB96E7.72CE4C7A@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ron,

Yes, insert C108 into the position marked C108 on the board.
You can place it into the other position marked "Cap" if you like....this is electrically the same thing...the "Cap" position is there for experimenters to play with.

Hope this helps,

72, Dave Fifield, AD6A

Ron Polityka wrote:

>
> Section 5
> Page 8
>
> Insert and solder C108. . . .etc.
>
> Did you place it into the slot about the marking C108 on the PCB?
>
> Or did you place it in the slot marked Cap, to the right side.

Date: Tue, 02 Mar 1999 07:47:37 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-1@lehigh.edu
Subject: [34554] Re: Linux
Message-ID: <36DB9799.26097F46@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Henry,

I mount msdos, win95 and winNT into my Linux system. I can then use them as if they were part of the Linux system. I have them as FAT16 type of file system (=msdos) and it might be that win98 uses another type of file system. If it does and you cannot reach it from Linux you could make a small extra partition type msdos which you would be able to reach from both sides.

Here is what I do, supposing that I have my Windows stuff on disk c:.
You would have to change the hda_numbers to correspond to your setup, I have a c:, a d: and then linux main and a swap partition.

Make a mount point for your Win stuff:

>mkdir /c:

edit your /etc/fstab, The first 3 lines are original linux and you should have nearly exactly the same, the last line is the new one:

/dev/hda4	/	ext2	defaults	1 1
/dev/hda3	/swap	swap	defaults	0 0
none	/proc	proc	defaults	0 0
/dev/hda1	/c:	msdos	defaults	0 0

You can also mount by hand:

```
amount /dev/hda1 /c:
```

good luck!

Goran ea8yu

> I partitioned the hard drive on my PC using Partition Magic. One
> partition is for Linux, the other is for W98. For a variety of reasons
> (mostly because the BIS people in my shop totally lacking in intrinsic
> value) I do not have web access through the Linux partition. I have
> downloaded KDE shell and an important seismic processing app to files

Date: Tue, 2 Mar 1999 03:42:00 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [34555] 2nd post.RE: MFJ WITH non working relay
Message-ID: <4095007e.36dba458@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Still trying to find out who sent me the MO for the non working MFJ rig.Need
name and address.

Bob

WA2HOQrp <tm>

Date: Tue, 2 Mar 1999 10:40:47 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: "'Bob Tellefsen'" <n6wg@earthlink.net>, "'Ed Tanton'" <n4xy@mindspring.com>,
"'QRP-L Reflector'" <qrp-l@lehigh.edu>
Cc: "'Elecraft FT List'" <elecraft@qth.net>
Subject: [34556] AW: [Elecraft] NiMH for my K2
Message-ID: <001b01be6490\$c5473900\$592be8c3@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I used NiMH for some time in my SIERRA as a built in pack. Charging was ok, using them was ok, but the leakage of this NiMH forced me to go back to lead Gel Cells. I have my 2,7 Ah Gel cell in a leather bag which was the case of an old Multimeter before.

The real difference is: If I now get a call to fly the same day, I take my RTS ("Ready fot Travell Set) which contains the SIERRA, the batterie pack, keyer, ATU and Antenna and I am absolutely sure, this will work because the lead gel cells hold energy for weeks, in my expierience the niMH dont!
72 de Peter, DL2FI

> -----Urspr ngliche Nachricht-----
> Von: owner-elecra~~ft~~@ns3.qth.net [mailto:owner-elecra~~ft~~@ns3.qth.net]Im
> Auftrag von Bob Tellefsen
> Gesendet am: Freitag, 26. Februar 1999 17:35
> An: Ed Tanton; QRP-L Reflector
> Cc: Elecraft FT List
> Betreff: Re: [Elecraft] NiMH for my K2
>
> Yes, Ed, those NiMH batteries do sound interesting. Please
> keep us posted
> on your experience with them.
> 73, Bob N6WG
> -----Original Message-----
> From: Ed Tanton <n4xy@mindspring.com>
> To: QRP-L Reflector <qrp-l@Lehigh.EDU>
> Cc: Elecraft FT List <elecraft@qth.net>
> Date: Friday, February 26, 1999 2:00 AM
> Subject: [Elecraft] NiMH for my K2
>
>
> >Hello All... I got in the Panasonic 3700mA-Hr NiMH batteries
> today... 14 of
> >'em. Also got the small Panasonic book on NiMH-especially
> theirs. Nominal
> >charged voltage is 1.2 to 1.3 VDC. Voltage cutoff point when
> charging is
> 1.8
> >VDC (!!)... I figure to try 11 of 'em, and see how that works out.
> >
> >Today, I also ordered three Maxim NiMH charger ICs today.
> ~\$8.00 each. I
> >bought the tab type batteries, and plan to go over to my
> local Batteries

> >Plus and see if they'll weld 'em for me when I know what physical
 > >configuration to use for the K2. I DID buy the Gel Cell
 > but-as you field
 > >testers already know-don't have it yet, and will use it to
 > determine the
 > >appropriate dimensions for this NiMH pak. Doesn't matter
 > that much (not
 > >having the Gel-Cell yet), and I ordered it so that I can get the K2 on
 > >w/internal battery power when it comes. I will probably
 > replace it with
 > >these new batteries-we'll see.
 > >
 > >The NiMH Panasonics look VERY promising. They are about 3
 > inches long, and
 > ~
 > >AA size in diameter... and (as I already said) 3700 mA-Hrs!!! Should
 > >definatly be cool!
 > >
 > >72 / 73 Ed N4XY
 > >-----
 > >Ed Tanton N4XY EMAIL: n4xy@mindspring.com
 > >189 Pioneer Trail
 > >Marietta, GA 30068-3466 TEL: (770)579-3933
 > >-----
 > >INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
 > >*BoatAnchors *Test Equipment *Photography
 > >~~~~~
 > >"Think you can, think you can't:
 > > either way you're right!" Henry Ford
 > >~~~~~
 > >
 > >
 > >---
 > >Submissions eleccraft@qth.net
 > >
 > >
 > >
 > >---
 > Submissions eleccraft@qth.net
 >

 Date: Tue, 2 Mar 1999 07:13:26 -0600
 From: "Jim Hale" <kj5tf@madisoncounty.net>

To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [34557] 6M & 2M ssb/cw & Ten Tec Mode B satellite stn 4 sale
Message-ID: <005c01be64ae\$75f91da0\$3659edd0@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an IC551D 6M XCVR, TS-700SP 2M XCVR, and Ten Tec Mode B Satellite station for sale

They are solid state, and are working as far as I know. Ive made many QRP QSO's with them.

Make offer.

Jim Hale KJ5TF AR QRP #2

Date: Tue, 02 Mar 1999 09:36:21 -0400
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34558] Re: Homemade ladder line
Message-ID: <36DBE955.10979195@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've had the pleasure of meeting Seab and his xyl and seeing his CT antenna farm a couple of years ago along with his setup for making his lightweight ladder line.

I've been on the lookout ever since for the spacer (weed wacker nylon) material but can't find a cheap source here in eastern Canada. Being the optimist that I am, I'll keep looking.

For lightness and simplicity I've never seen anything better.

73,
Dave
VE1VQ

Date: Tue, 2 Mar 1999 08:14:11 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34559] Re: H.A.A.R.P.
Message-ID: <199903021414.IAA28124@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

This program upsets the lunatic fringe (the Art Bell crowd) so QRM is to be expected.

73 Bryan W8LN

> Just a word of warning. The transmissions are NOT in the
> ham bands. There were a number of intentional attempts
> at interference the last time.

Date: Tue, 2 Mar 1999 08:19:51 -0600
From: "Jim Hale" <kj5tf@madisoncounty.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [34560] KH6AFS QSL address?
Message-ID: <007c01be64b7\$bd8d4f20\$3659edd0@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I used Buckmaster to find Sam's address and found the following address;

Sam Kumukahi
POB 974
Hilo, HI.
96720

My card was returned "not deliverable, unable to forward" .

Anyone have a good address for Sam? tnx de Jim KJ5TF

Date: Tue, 2 Mar 1999 09:45:24 -0500
From: Rod Cerkoney <rwc@frii.com>
To: rwc@frii.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [34561] Re: my NC20
Message-ID: <3.0.5.32.20000101001256.00839100@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:55 PM 3/1/99 -0700, Rod Cercone wrote:

...
>Now the cool part: Around 0300Z, 3/1/99 I had the shack cleaned up, and
>a little operating space available. So I fire up the rig heard some sigs
>still on 20M(!) and start calling CQ around 14061. After a few minutes Danh,
>KE6D calls back, we exchange RST, QTH & Name--Then 20 goes "Dead Parrot",
>like somebody threw a switch! Today I got email from Danh, he was using his
>NC20 too!!! What cosmic significance does this have; a random CQ, my first
>QSO with my NC20 being NC20/NC20??? All when 20M should be dead!!!
>
>I don't know, but it is fun to ponder. ;-)
>
...

2nd QSO this morning with KA8LLE, Ben. He was using an NC20!!!!

This is creeping me out. :-) :-)

72/3 N0RC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 2 Mar 1999 09:00:15 -0600
From: applitech@mcg.net (Claton Cadmus)
To: <k6mgo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34562] Re: Control labels
Message-ID: <005e01be64be\$44d62000\$a10a5e2c@groucho>

Hello Bill you wrote:

>In the "olden days" we had some kind of rub-ons that worked pretty good,
>but, haven't seen them around anymore.

These can still be found at Office Supply Stores. With careful application
and a carefully sprayed on overcoat of clear these make great panels.

>And my computer printer is an old
>epson dot matrix, but I can use it to print labels, but then I would have

>to cut them out and glue them on?

I have made quite acceptable front panels with a dot matrix printer. You put the printer into it's "best" mode and print an entire front panel on an 8 1/2 by 11 sheet with corner marks (+) for positioning. You can do this in a word processor program printing out draft copies to check the fit and position of your type. Print the final good panel on colored paper if you wish, "goldenrod" look good. Over laminate the panel area on the paper with clear wide shipping tape or clear adhesive backed shelf paper. Apply to the front panel with artist mount spray adhesive. Trim the paper and cut the holes for the controls with an Exacto knife after it's applied to the front panel and the adhesive has set. This will give you perfect edges. Install the controls using thin washers under panel nuts to protect the paper panel. These also help to hold the panel on. By the time you get it all together it will look pretty good. Sometimes I have had edges pop up after some time. Just use a little spray adhesive on the end of a toothpick as an applicator and glue it back down. Or apply the clear shipping tape last and trim it so you can fold the tape around the edges of the panel. I've done it both ways with good results.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Tue, 2 Mar 1999 10:06:16 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-1@lehigh.edu
Subject: [34563] Fw: KH6AFS QSL address?
Message-ID: <19990302.100622.-801261.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

Try going to the FCC database at:

http://gullfoss.fcc.gov:8080/cgi-bin/ws.exe/prod/efpa/forms/610/610_License_Search2.htm

If it's not there, what can I tell you.....

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

----- Forwarded message -----
From: "Jim Hale" <kj5tf@madisoncounty.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Tue, 2 Mar 1999 08:19:51 -0600
Subject: KH6AFS QSL address?
Message-ID: <007c01be64b7\$bd8d4f20\$3659edd0@user>

I used Buckmaster to find Sam's address and found the following address;

Sam Kumukahi
POB 974
Hilo, HI.
96720

My card was returned "not deliverable, unable to forward" .

Anyone have a good address for Sam? tnx de Jim KJ5TF

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 07:31:24 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [34564] How about QRP-L QSO party?
Message-ID: <19990302153125.21266.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey gang,

After having a lot of fun in the FYBO contest and hearing about CQC I was thinking why doesn't the QRP-L list have it's own QRP QSO party? It would be alot of fun working others on the list. The only rule is 5 watts or less and to have fun! What do you guys think?

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 02 Mar 1999 08:20:51 -0700
From: Niel Skousen <skousen@srv.net>
To: herr@ridgecrest.ca.us, qrp-l@lehigh.edu
Subject: [34565] Re: Backpacking Rig Battery/charging inquiry
Message-ID: <4.1.19990302081846.009d35e0@if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I like the AA route also Mike, on my last major (1wk)hike I <gulp, gasp> sprung for 10 AA li. batt's.... I'm still using them 9 mo later.. LOTS of juice, and about 2/3 the weight... LOTS of \$\$/cell too...

Niel

At 09:28 PM 3/1/99 -0800, you wrote:

>Rick,

> I've always taken a slightly different approach to batteries. I use a
>9 cell AA battery pack. This allows me to use the batteries most of the way
>down the discharge curve. Also, all the other electrical equipment I drag
>along, ie flashlights, GPS, etc, all use AA cells. This allows me to move
>the batteries around to where is needed.

Date: Tue, 02 Mar 1999 09:41:23 -0600
From: Mike Dooley <msdooley@airmail.net>
To: david.gauding@bbs.galilei.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34566] Re: Super Portable Keyer Paddle
Message-ID: <36DC06A3.FCFBDAEF@airmail.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to have watched W0NVN try them mobile.... from a safe distance, of course ;-)... Hope he had lots of practice before going mobile ;-) ;-)!

Mike N5BGZ

David Gauding wrote:

>
> Gang,
>
[snip]
> a matter of fact the little paddles were lent to W0NVN two weeks ago > so he
could try them mobile.
[snip]
>3) With a little practice it's possible to use the pill
> bottle-style paddles one-handed. Neat stuff! However, for most folks
> holding the paddles (or plastic bottle) in one hand and operating with > the
other is the way to go.
>
[snip]
>
> de Dave, N40R nf0r@slacc.com

Date: Tue, 2 Mar 1999 08:55:47 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34567] Re: AW: [Elecraft] NiMH for my K2
Message-ID: <199903021555.IAA21995@usr09.primenet.com>

Howdy Peter (and Folks),

Peter (DL2FI) wrote:

>

> I used NiMH for some time in my SIERRA as a built in pack.
> Charging was ok, using them was ok, but the leakage of this
> NiMH forced me to go back to lead Gel Cells.

Do you remember what the leakage on the NiMH cells was like? If it'll hold a charge for at least a week, that'd be perfect for my needs. I'd be using them for QRP trips in the field (lots of pre-planning, so charging would be done the day before the trip).

3.7 AHrs for not much larger than a AA could make a nice light battery pack for my Sierra.

Thanks! (Ed, please keep us posted!)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 2 Mar 1999 08:02:47 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [34568] CQC Results.
Message-ID: <Pine.SOL.3.96.990302072933.18346B-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I did the figuring last night and think I have the score right!

It looks like a total score of 656,044.

(That's from memory but I think that's right).

For those of you who wonder what the difference in scoring is between a few contacts here and there and a few multipliers here and there you may be interested in the following observation.

Note that the percentages are only ballpark. I don't see any need to be "on the money" for this example.

The best score I've see turned in is from Alan, K0FRP and believe me, it's a SUPER score! Almost double mine!

So when you look at the number of QSO's we each got there is a difference of about 25%. Alan had 169 to my 138.

Next is the SPC count. The difference was about 50%. Alan had 76 and I had 51.

The QSO point difference was about 20% with Alan getting 813 to my 676.

We both got 1000 points for working W0CQC.

When all this comes togeather for the final score, the difference is about 80%! That's 1.17 million to .656 million!

So when you are thinking about calling someone in a contest and wondering if they really do want to work you, the answeare is a great big YES!

Each and every contact has a large change in the total score. For example, lets say we each worked one more CQC member for a 6 point QSO but not a new SPC or name. That single contact for Alan would be 8,664 points and for me it would have been 5,814 points!!

So you see, each contact is worth working for!

Congratulations to Alan for a super job!

And thanks to all who came out and played!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 2 Mar 1999 09:04:34 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34569] Re: How about QRP-L QSO party?
Message-ID: <199903021604.JAA22297@usr09.primenet.com>

Howdy Jeff (and Folks),

Jeff (AB6MB) wrote:

>
> After having a lot of fun in the FYBO contest and hearing about
> CQC I was thinking why doesn't the QRP-L list have it's own QRP
> QSO party? It would be alot of fun working others on the list.

In a way we do - the Fox Hunt! :) The monthly ARS
Spartan Sprints are almost exclusively comprised of
QRP-L members as well. The Zombie Sprint last Fall
(courtesy of Paul NA5N) was kind of a QRP-L party in
its own way too.

Actually if you compare results from many of the QRP
contests, you'll see that nearly everyone participating
is a QRP-L member. We're everywhere! :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 02 Mar 1999 09:17:52 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34570] Re: Control labels
Message-ID: <36DBACC0.CF5E5692@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out the electronic supply places for Datak label sheets. I used
#K59, which comes in white or black rub-ons. All the common labels like
RF Gain, Tune, Antenna, Key, Phones, etc.

I get mine from Circuit Specialists. 1-800-528-1417.

Much easier than piecing a word together letter by letter.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Tue, 02 Mar 1999 11:21:06 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34571] dan's small parts..
Message-ID: <36DC0FF2.AB008684@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

has anyone ordered anything from this company?

their prices look really good, but i was wondering what the scoop was..

--

peace,
sergio
sruiz@bright.net
<http://www.bright.net/~sruiz>

"quoting other people is really lame and unoriginal.." - sergio

Date: Tue, 02 Mar 1999 09:19:34 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: fantbb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34572] Re: How about QRP-L QSO party?
Message-ID: <36DBAD26.51E3E329@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought that was called the Fox hunt.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Tue, 02 Mar 1999 11:21:08 EST
From: "Kent, AE4Y" <ae4y@hotmail.com>
To: qrp-l@lehigh.edu
Message-ID: <19990302162108.29515.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Just a quick question regarding the list.

For the past week or so, I seem to be getting a lot of messages from the list that are several days (or even weeks) old.

Just now as I checked the mail, I had 12 messages dated from February 23 and one from February 25 (along with several dated March 2 - today)

Is this normal or have I got a problem?

Kent, AE4Y

QRP ARCI #4175 QRP-L #1844
Visit: <http://www.qsl.net/ae4y/>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 02 Mar 1999 10:23:54 -0600
From: "John Burnley" <JBurnley@ifmc.org>
To: <qrp-l@lehigh.edu>
Subject: [34574] Hill and Horowitz vs Hayes and Horowitz?
Message-ID: <s6dbbc4e.095@groupwise.ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

I picked up a copy of 'The Art of Electronics' text and student workbook =

after XMAS. I noticed in the Tech Amer ad that the books are also on sale = there. But the text appears to be written by Hayes and Horowitz. My text = is by Hill and Horowitz (second edition). Can anyone tell me the = difference (if any)? Thanks in advance.

Date: Tue, 02 Mar 1999 11:25:44 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34575] Icom IC-201 questions
Message-ID: <199903021626.QAA154690@out2.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I've posted this everywhere else without any luck. I might as well try here, since the rig is QRP (10 watts) on 2 meters...

As some of you may have gathered from my requests for a manual, I recently acquired an old (as in maybe 25 years old) Icom IC-201 2 meter (144-146 mhz) all mode base rig. I purchased it from a ham in Kansas, and it has a serial number of 0023. Yes, 23! It's also in absolutely beautiful condition, and got me a very nice report in a local SSB QSO. I'm tickled to have it, but I do have questions.

First, though I was able to buy a copy of the schematic, I have been unable to find a manual for it. My experience with Icom in the past is that they are no help whatsoever with really old rigs. If anyone has an owners manual and/or a service manual, I would gladly pay to have it copied and mailed to me.

If not, maybe some other present or former IC-201 owners can answer some questions for me. First, the FM duplex function is not working, and I understand that required an add on crystal and/or mod. Can someone fill me in on the details, since we do have repeaters in the 145 mhz band segment here, and it would be nice to add that capability.

The rig has four crystal slots for fixed frequency operation. Is the formula for the crystals the same as Icom's FM rigs of the period, the "Series 20" crystals used in everything from the IC-20 and IC-21 forward? If not, does anyone know the specs for the crystals?

I would be interested in any other information y'all might be able to

share.

Thanks and 73,
Caity
KU4QD

Caitlyn M. Martin
<http://www.caitys-world.com>

cait.martin@ibm.net

"A world community can only exist with world
communication, which means something more than
extensive shortwave facilities scattered about the globe.
It means common understanding, a common tradition,
common ideas, and common ideals."

- Robert M. Hutchins

Date: Tue, 2 Mar 1999 09:35:27 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [34576] nc-20
Message-ID: <01BE6490.02C22A20.bmug@gwl.com>

Dang this is fun. I got through the AFA (automatic Frequency Announcer) last night - have a terrible head cold and had to replace more than one part BUT IT WORKS.

It is sooooo cool hearing your frequency being sent out through the head sets!!

For those of you not there yet I had a little trouble - just a little. It seemed that it didn't want to work at first then I played with the tuning knob and like magic it kicked in and worked (it was in automatic mode). I don't know what the problem was but it worked so if you don't get a reply the first time twist the tune knob.

Thanks for the GREAT KIT

de KI00T, Brad

I King KI00T deem that every home brew rig from this time forward have an AFA circuit in it.

Date: Tue, 2 Mar 1999 08:38:44 -0800
From: Brian Murrey <brian@iquest.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34577] Re: CQC Results.
Message-ID: <99Mar2.084038pst.17037@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oh heck yeah!

I didn't do anywhere as well as you tow but my last contacts were extremely valuable.

I had 19 SPC, and 14 Names, so even my 4 point QSO was worth over 1000 points.

It pays to answer them all!

72

Ron Stark wrote:

>
> Hi All,
>
> I did the figuring last night and think I have the
> score right!
>
> It looks like a total score of 656,044.
>
> (That's from memory but I think that's right).
>
> For those of you who wonder what the difference in
> scoring is between a few contacts here and there and
> a few multipliers here and there you may be interested
> in the following observation.
>
> Note that the percentages are only ballpark. I don't see
> any need to be "on the money" for this example.

>
> The best score I've see turned in is from Alan, K0FRP and
> believe me, it's a SUPER score! Almost double mine!
>
> So when you look at the number of QSO's we each got there
> is a difference of about 25%. Alan had 169 to my 138.
>
> Next is the SPC count. The difference was about 50%. Alan
> had 76 and I had 51.
>
> The QSO point difference was about 20% with Alan getting
> 813 to my 676.
>
> We both got 1000 points for working W0CQC.
>
> When all this comes togeather for the final score, the
> difference is about 80%! That's 1.17 million to .656 million!
>
> So when you are thinking about calling someone in a contest
> and wondering if they really do want to work you, the
> answeare is a great big YES!
>
> Each and every contact has a large change in the total
> score. For example, lets say we each worked one more
> CQC member for a 6 point QSO but not a new SPC or name.
> That single contact for Alan would be 8,664 points and
> for me it would have been 5,814 points!!
>
> So you see, each contact is worth working for!
>
> Congratulations to Alan for a super job!
>
> And thanks to all who came out and played!
>
> cul,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

--

```
=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
      39.558 N   86.095 W   Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====
```

Date: Tue, 2 Mar 1999 11:23:56 -0500
From: wa8rxi@juno.com
To: ki7mn@extremezone.com
Cc: qrp-l@Lehigh.EDU
Subject: [34578] Re: CQC Winter QSO Party
Message-ID: <19990302.115310.-154225.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Mon, 01 Mar 1999 18:57:26 +0000 Bob Hightower <ki7mn@extremezone.com>
writes:

>Just sent my log in, and hope all the others do also. Not a huge
>score.

=====
I pretty much understand the method of scoring.
But, the names (names list) eludes me.
Can anyone help .
Thanks
72, Rick - WA8RXI Taylor, MI.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 02 Mar 1999 09:16:20 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: n7kt@earthlink.net, qrp-l@lehigh.edu
Subject: [34579] Re: How about QRP-L QSO party?
Message-ID: <36DC1CE4.63E3@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Come on, guys... the Foxhunt isn't all that friendly. I believe the
suggestion was to have an event OTHER than a FOXHUNT that doesn't have
a specific theme other than talking to other QRP-L guys and goils. The

ARS Spartan Sprints are friendly enough, but can be hard to fit in. (I personally cannot do the Spartan Sprints until the end of the current semester). The Zombie event of last Halloween was fun...that is about the right idea, but let's extend it to all of QRP-L. Let's do them quarterly and on either a Friday evening or Saturday afternoon.

Perhaps we ought to spend as much time on the air as we do reading email... Let's do a contest!

Flak jacket on...

--

```

                                     |
                                   /|
                                 /  |
                               /Z  |\
Allan Taylor, PE  K7GT           | /599| \   QRP-L 1016 FISTS 3222
    k7gt@arrl.net             /| /____|__\  ARS 228   10X 69929
operating nr SF/Oakland CA    /_||/____|__\  DXCC 8171/CW 1395/40m
..."QRP, QRO, or barefoot..."... [\-----/
~~~~~
```

Date: Tue, 2 Mar 1999 09:12:44 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [34580] FYBO FINAL
Message-ID: <19990302171244.3714.rocketmail@send202.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello y'all - -

I left town the day after the FYBO, so missed out on all the after action BDA comments and scores. I've just tallied up my score as follows:

60 (QSO's) X 24 (SPC) X 4 (Field) X 2 (Alt Pwr)
X 2 (QRPp) X 1 (Temp Mult) = 23,040 Points

Quit at 2000Z due to drizzling rain. That and a higher than expected temperature, gave me a pretty low score this year. Guess I won't follow up last year's single-op win. Did manage to work Cam, HP1AC, as well as both coasts. My 60 foot end fed wire did pretty well everywhere but 5 (Hey, this was 20 meters. Whattayaexpect?) and

7-land. The only 7's worked were a bunch of you Scorpions, and Wayne, WJ7H, in Utah. Heard nothing from the rest of 7-land.

All in all, another great time. Looking forward to next year. Let's see now . . . who do I know that owns a walk-in freezer?

Oh, well.

72's es 73's,

Brad, W5CGH

==

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WBOCGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377	SMIRK #4906
ARS #72	Austin QRP Club #e

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 02 Mar 1999 09:22:02 -0800
From: "Trung Q. Nguyen" <counsel@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34581] WTB: NC-20!
Message-ID: <36DC1E3A.F1E4E0F0@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone:

This is my first attempt to YELL to a generous soul out there. I want to beg for an NC-20 kit. I missed the first time and I also missed the second time yesterday.

Thank you.

'73

Trung Q. Nguyen, N1VN (ex-N06Q)

Date: Tue, 2 Mar 1999 09:30:53 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [34582] NC 20 Commercial Announcement Coming Soon
Message-ID: <01be64d2\$6c8c5b00\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow, what a response to the extra NC20 kits (NO, we don't have any more available, the ones we had were gone in 1 hour and 52 minutes.) But there is hope for the many people who were disappointed. I talked to Dave Fifield on the phone last night, and he will have an announcement this week on the commercial version of the NC20. The good news is that it will become a commercial product and will be available to all who missed out, and he has some interesting other details that I won't talk about now, but you will definitely be interested in. Pay attention to the list this week.

Also, don't forget that NorCal is giving away a NC20 kit at Atlanticon to one of the lucky registrants and there will be one raffled at Ft. Smith, where Chuck Adams and I will be presenting a QRP Forum on March 13th. (The proceeds for the NC20 raffle go to QRP Forum committee at Ft. Smith, NorCal donated the kit to them.) Plus Joe Gervais is going to announce the winner of the NC20 from the FYBO contest soon.

72, Doug, KI6DS

Date: Tue, 02 Mar 1999 12:29:57 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [34583] Panel labels
Message-ID: <3.0.32.19990302122952.00685314@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang...I believe the Datak Dry transfer (rub on) panel labels are still available.
The problem is a source... Lasher comes to mind.
The control labels are/were available in white , black , and red

and when applied properly resulted in a really beautiful panel.

Any input from you homebrewers? Sources? Price? etc?

73 Pete NV4V formerly W4VCT

Somewhere south of Nonesuch, Ky.

NW of Gravel Switch

Also responding to N444 after CQC..Hi!

Date: Tue, 2 Mar 1999 09:47:27 -0800

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-1@lehigh.edu>

Subject: [34584] NC20 Third World Kit Status

Message-ID: <01be64d4\$bc9e7c20\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The first 100 of the NC20 third world project kits have been kitted by a volunteer crew of Paul Maciel, James Bennett, Cathy Bennett and Doug Hendricks. We met in Dos Palos on Saturday and worked from 10 AM to 7 PM (with a short pizza break for lunch) and kitted 100 kits (35000 parts). I then realized Sunday that we had left one very important part out of the kits, a 2.1mm power plug. So, a phone call to Mouser, and the parts are ordered. When they arrive, I will add one to each kit, then I will be ready to ship the first box to George Dobbs. It looks like we will ship in units of 25 or so at a time. This project will take a while, as we don't want to bury George with all of these kits at one time, and since they will be shipped as "surplus amateur radio parts", we must not sent too many at one time.

You might be interested in knowing in how we are preparing the kits for shipping. We are assembling the cases, and putting the circuit board (sealed in a plastic bag) on the bottom, then the bag of 7 bags of parts goes on top, and finally we put the top of the case on, tighten all the screws and have a nice solid package. This should provide excellent protection for the components, and when it gets to England, George will be able to handle it much easier.

Dave Fifield is making some corrections to the manual, and then it will be shipped to George, where he will get the copies made (it makes no sense to pay to ship manuals).

George will determine who gets the kits, as he has the contacts to distribute them without shipping them. He plans to have every kit hand delivered to the recipients. Several have expressed concern as to the

complexity of the kit and the ability of third world hams to assemble it. A point of explanation. The target for these kits is a person who already has his ham license. He was probably a student at a University and operated the college club station. But when he left college, funds were just not available to buy a ham station. He has the knowledge, probably even a EE degree, but lacks the funds. We will provide the stations. It is a win-win situation. George will send the kits to areas where he knows that there is a qualified Elmer to help with the construction. Thanks to everyone who supported this project. 72, Doug, KI6DS

Date: Tue, 2 Mar 1999 10:47:03 -0700 (MST)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: John Burnley <JBurnley@ifmc.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34585] Re: Hill and Horowitz vs Hayes and Horowitz?
Message-ID: <Pine.OSF.3.91.990302104601.28980A-100000@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hayes and Horowitz is the lab manual which goes with Horowitz and Hill.

Jim Rybak W0KSD

On Tue, 2 Mar 1999, John Burnley wrote:

> I picked up a copy of 'The Art of Electronics' text and student workbook after XMAS. I noticed in the Tech Amer ad that the books are also on sale there. But the text appears to be written by Hayes and Horowitz. My text is by Hill and Horowitz (second edition). Can anyone tell me the difference (if any)? Thanks in advance.

>
>

Date: Tue, 2 Mar 1999 17:51:39 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <vole@primenet.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [34586] AW: AW: [Elecraft] NiMH for my K2
Message-ID: <000001be64d5\$483691a0\$333be8c3@zenkerpn>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi QRP fellows,
no, I cant say how long it took. My problem was that it was down every time
I needed it. As far as I could remember, the leakage was very high.

Peter

> -----Urspr ngliche Nachricht-----
> Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]Im Auftrag
> von Joe Gervais
> Gesendet am: Dienstag, 2. M rz 1999 16:56
> An: Low Power Amateur Radio Discussion
> Betreff: Re: AW: [Elecraft] NiMH for my K2
>
>
> Howdy Peter (and Folks),
>
> Peter (DL2FI) wrote:
> >
> > I used NiMH for some time in my SIERRA as a built in pack.
> > Charging was ok, using them was ok, but the leakeage of this
> > NiMH forced me to go back to lead Gel Cells.
>
> Do you remember what the leakage on the NiMH
> cells was like? If it'll hold a charge for at
> least a week, that'd be perfect for my needs.
> I'd be using them for QRP trips in the field
> (lots of pre-planning, so charging would be
> done the day before the trip).
>

Date: Tue, 02 Mar 1999 11:02:29 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34587] Re: Panel labels
Message-ID: <36DBC545.375AE26E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My Datak labels cost \$4.95 a pack. Enough for several rigs.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Tue, 2 Mar 1999 13:02:58 -0500
From: DNT1@daimlerchrysler.com
To: k7gt@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [34588] Re: How about QRP-L QSO party?
Message-ID: <85256728.006331B8.00@Ingodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Allan wrote:

> Let's do them quarterly and on either a Friday evening or Saturday afternoon.

That lets me out of it, Sabbath's my family day. The only time I get on the air then is when everyone's away for whatever reason & I'm left alone to my own devices! Weekday evenings tend to work much better for me (other than Wed. night, that's family games night). That's why I look forward to the foxhunts so much, the wife & kids are at various functions on Tues. & Thurs. nights & I get left at home to play!

72,

Don T. AI4CW QRP-L#1670 Toney, AL EM64pw

Date: Tue, 2 Mar 1999 12:05:58 -0600 (CST)
From: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
To: qrp-l@lehigh.edu
Cc: plburbank@kih.net
Subject: [34589] Re: Panel labels
Message-ID: <199903021809.MAA13733@sunarch2.Central.Sun.COM>
MIME-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-MD5: 08tD7um7x9kr/xAgBkikkA==

Gateway Electronics in St. Louis has had the Datek labels in the past; I've used them on several cabinets and they look pretty sharp. After a few light coats of clearcoat they look like part of the cabinet.

I've used the "radio words" sheet before (sorry I don't know the part# offhand); it saves time as many common words are already laid out. The only negative I see is that they're all capital letters.

<http://www.gatewayelex.com/>

Gateway Electronics
8123 Page Blvd.
St. Louis, MO 63130.

1-800-669-5810

|Gang...I believe the Datak Dry transfer (rub on) panel labels
|are still available.
|The problem is a source... Lasher comes to mind.
|The control labels are/were available in white , black , and red
|and when applied properly resulted in a really beautiful panel.
|Any input from you homebrewers? Sources? Price? etc?
|73 Pete NV4V formerly W4VCT

Date: Tue, 2 Mar 1999 12:14:15 -0600
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: <sruiz@bright.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34590] Re: dan's small parts..
Message-ID: <001301be64d8\$7d19a9e0\$6c1115ac@classifiedventures.com>

I have ordered from them. The parts were in good shape and the service was quick. I'd recommend them.

72/73, chris aa9hd

----- Original Message -----

From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 02, 1999 10:21 AM
Subject: dan's small parts..

>has anyone ordered anything from this company?

>

>their prices look really good, but i was wondering what the scoop was..
>
>--
>peace,
>sergio
>sruiz@bright.net
><http://www.bright.net/~sruiz>
>
>"quoting other people is really lame and unoriginal.." - sergio
>
>

Date: Tue, 02 Mar 1999 13:13:07 -0500
From: Russ Hines <radioruss@fuse.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34591] Re: Panel labels
Message-ID: <36DC2A33.6F970B83@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check art supply stores. Most of the good ones have dry transfer lettering, X-acto knives, and anything else a graphic artist (or homebrew panel maker) may need.

73,
WB8ZCC

Pete Burbank wrote:

>
> Gang...I believe the Datak Dry transfer (rub on) panel labels
> are still available.
> The problem is a source... Lasher comes to mind.

Date: Tue, 2 Mar 1999 10:16:15 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [34592] K-2 users
Message-ID: <19990302.101617.-98713.2.dave_epps@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have the auto antenna tuner version.
That's what I ordered and haven't seen any comments on the atu.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 10:13:08 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [34593] WTB HP-200LX
Message-ID: <19990302.101617.-98713.1.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Would like to buy a HP-200LX palm computer for my portable QRP station.
Pls respond. dave_epps@juno.com
dave a b5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 13:20:04 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "'QRP-L Reflector'" <qrp-l@Lehigh.EDU>
Cc: "'Elecrafft FT List'" <elecraft@qth.net>, "Peter Zenker" <Peter_DL2FI@csi.com>, "Bob Tellefsen" <n6wg@earthlink.net>
Subject: [34594] RE: [Elecrafft] NiMH for my K2
Message-ID: <00a501be64d9\$4b5d5040\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Peter... it'll be interesting to see how it goes... I have 14 new Panasonic 3700 mA-Hr NiMH cells (from Digikey), and yesterday got in several of the Maxim MAX712 NiMH Fast/Trickle charging ICs (also from Digikey.)

My only experience with NiMH is with my old-but-nice, little Gateway Handbook 486. I keep it on trickle charge, and when I think about it, swap to charge the extra battery. I have done this for several years, and it hasn't seemed to hurt them. Unlike NiCads, which I have no use for at all-occasional use seems to ruin them for me, in little time, using different (but admittedly "fast" charging using the OEM charger that came with/or was purchased with the HT/whatever.)

If they cannot maintain a 90-95% charge over a weekend, for example, then you're right... there's no use to them. But as long as they hold that charge level for several days, that'll handle any of my intended uses-camping/portable/etc. And if they do, then I'll probably duplicate the pak / IC charger so I can do something like the little notebook cpu-and swap one/trickle one. I will probably use C/3 or C/4 to charge them-I really don't like truly FAST (C) charging after Icom and Kenwood nicads died-I believe as a result of low usage & occasional fast charging.

I'll be putting out the data as soon as I know something.

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Tue, 2 Mar 1999 13:12:58 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [34595] PCB Design Software
Message-ID: <19990302.131313.6606.4.N2TPA@juno.com>

Folks,

I recently came across some Freeware that is ALMOST exactly what I need. It is called ExpressPCB. It is a small Windows-based CAD program that stores the PCB pad outlines for a variety of components and enables you to place those designs with connecting traces to make PCB designs. It is released by a PCB manufacturer as a way to have all there customers submit designs in a common format.

The reason that this isn't 100% what I seek is that when it prints your design, it places a grid over the design and makes the "board surface" a light grey color. This makes it inappropriate for making photo masks or laserjet transfers. Since this program wasn't designed to do that, I'm not complaining or slamming them.

Does anyone know of the existence of a freeware program that will do

what I've described AND print the design in actual size? Any good programmers out there want to try doing a small project?

I've tried EASYTRAX and it is no way near as simple and intuitively obvious as this program. Also, I'd rather not have a crippled version of commercial software, don't know when I'd need to go over 100 -200 landings or 3"X3" board surface.

73,

Bill
W2EB

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 2 Mar 1999 10:26:54 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [34596] Re: How about QRP-L QSO party?
Message-ID: <19990302182654.25811.rocketmail@send103.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--Joe Gervais <vole@primenet.com> wrote:

>> Jeff Jones wrote:

> > CQC I was thinking why doesn't the QRP-L list have it's own QRP
> > QSO party? It would be alot of fun working others on the list.
>

> In a way we do - the Fox Hunt! :) The monthly ARS
> Spartan Sprints are almost exclusively comprised of
> QRP-L members as well. The Zombie Sprint last Fall
> (courtesy of Paul NA5N) was kind of a QRP-L party in
> its own way too.
> Actually if you compare results from many of the QRP
> contests, you'll see that nearly everyone partipating
> is a QRP-L member. We're everywhere! :-)

>From the response I have seen and gotten it looks like it wasn't such
a good idea.

Hey you throw ideas and see what happens! Sometimes nothing happens.
8-)

Oh well see ya all in the other QRP contests!

. () \
'-|)__| :. \
| | | | \
c__; c__; '-..'>.__

QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 02 Mar 1999 10:56:14 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Cc: pharden@aoc.nrao.edu
Subject: [34598] Interesting Article on the Sun
Message-ID: <19990302185614.24202.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

FYI,

There is an interesting article on the solar cycle and the effects of the sun on the earth in the recent issue of New Scientist:

<http://www.newscientist.co.uk/ns/19990227/fireinthes.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 2 Mar 1999 14:05:13 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [34599] Strange transmission revisited
Message-ID: <Pine.SOL.3.92.990302135404.21509B-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got around to downloading the wave file of this.

It looks like a test of something. If you look at the waveform closely (I used CoolEdit), you'll see textbook pulse shaping, but most of the pulses appear to contain

no information - the waveform is constant, the pulse repetition rate is constant, and the amplitude variations follow a regular pattern.

The few pulses that contain modulation are modulated with a bit or two of BPSK or QPSK.

The transmission shares many characteristics with PSK31. Either somebody wrote their own and got it wrong, or somebody is trying something new...

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Tue, 2 Mar 1999 11:07:39 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <sruiz@bright.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34600] Re: dan's small parts..
Message-ID: <008301be64df\$f1658740\$f5424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, March 02, 1999 10:30 AM
Subject: dan's small parts..

>has anyone ordered anything from this company?
>
>their prices look really good, but i was wondering what the
scoop was..
>

I've bought from Dan several times, and received good value for my buck.

72,

John, K6QQ

Date: Tue, 2 Mar 1999 13:09:57 -0600
From: kkanalz@optelinc.com
To: n2tpa@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34601] Re: PCB Design Software
Message-ID: <86256728.00698B38.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Bill,
Where did you find this "FREEware" [ExpressPCB]? Do you know if there's any way to store the resulting PCB layout in a ".gif" type file? If so, that may be one way of working around the grid pattern and the light-grey board surface problem(s) so you could produce a reasonable laserjet transfer (you might be able to "diddle" the contrast settings on the laser printer to wash out that background in any event).

Could you share your source location with us?

Karl K. - W8TIF
McKinney, Texas

Date: Tue, 02 Mar 1999 12:33:41 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34602] CQC contest
Message-ID: <36DC3D15.229A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gangue!

Had a good time during the contest. Started out on 10m made about 6 Q's. then went to 15m..Made a few more. Most Q's were made on 40m..Lots of good signals and the bands seemed to be in good shape. Ended up with 48 Q's....fun contest..72, Tom WB5QYT..Thanks!

Date: Tue, 2 Mar 1999 11:31:56 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: <ctrask@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34603] Re: dan's small parts..
Message-ID: <199903021932.LAA14303@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Same here: Good stuff. Good prices. Good service.

ditto

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Tue, 2 Mar 1999 15:01:15 -0500
From: wgabriel@dukeengineering.com
To: kkanalz@optelinc.com, qrp-1@Lehigh.EDU
Subject: [34604] Re: PCB Design Software
Message-ID: <85256728.006DF0E2.00@dpinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

You can find all the details and download the software at:

<http://www.expresspcb.com>

The software was designed for you to send your pwb design files to the ExpressPCB company for making into boards. Once I found out this I never did try

any further to use it for home-done boards.

For what it is worth...Watson/WB4EXW

Date: Tue, 02 Mar 1999 15:26:28 -0500
From: Lee Richey <WA3FIY@csonline.net>
To: qrp-l@lehigh.edu
Subject: [34605] Re: PCB Design Software
Message-ID: <1.5.4.32.19990302202628.00679510@csonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

You might want to check out Circad by Holophase at:

<http://www.holophase.com/dleval.htm>

The demo version is free and as a very capable program. In addition to PCB layout, it can also do schematics and other drawings.

-Lee- -WA3FIY-

> Does anyone know of the existence of a freeware program that will do
> what I've described AND print the design in actual size? Any good
> programmers out there want to try doing a small project?

>73,
>
>Bill
>W2EB

-Lee- -WA3FIY-

www.radioadv.com

Date: Tue, 2 Mar 1999 16:03:03 -0500
From: Ronald McConnell <rcmcc@lucent.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>, "'ALWARC-K3ME'" <k3me@aloft.micro.lucent.com>,
"'HOARC-K2EM/K2DR'" <hoarc@hornet.hr.lucent.com>,
"'Rick-WB2QOQ Anderson'" <wb2qoq@lucent.com>

Subject: [34606] Solar Charge Controller \$20
Message-ID: <01BE64C6.27D49CE0@daystar.amc.bell-labs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FYI.

The current Tech America flyer has a regularly \$30
battery charge controller, "ICP 3 Amp," on sale for \$19.95.

Catalog # 980-0564

phone 800-877-0072

You need the flyer code, Special Code CALA3.

This one has 3 ports: PV (solar-panel/charge source),
Battery and Load. If one chooses to hook the load
(rig, whatever) to the Load terminals on the controller
instead of directly to the battery, the controller shuts
off the current to the load when the voltage drops below
about 11 Vdc, thereby preventing a too-deep discharge
of the battery. This is in addition to reverse discharge protection
to the solar panels at night, and the normal charge/trickle switching.

I ordered 2, got them last night, looked them over
and ordered 3 more today. The last 3 are on back order,
so Tech America is not going to charge shipping.

Cheer, 73, 72,

Ron McConnell, w2iol

Date: Tue, 2 Mar 1999 16:21:12 EST
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [34607] Long Is. to Newington on 3/7 for NE QRP
Message-ID: <6a3f0b03.36dc5648@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I was planning on driving to the NE QRP meet at ARRL HQ in Newington, but I'd rather go with company. Anyone interested in making the trip? I'll be starting out near JFK. The ride is about 2 + hours from the South shore of LI.

If I make it, I'll bring my version of the K8IQY 2N2/40.

72,

Preston WJ2V

Date: Tue, 2 Mar 1999 16:22:38 -0500 (EST)
From: malman@world.std.com (joel malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [34608] QSL address for DJ7YE
Message-ID: <199903022122.AA25110@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had a nice chat with Bert, DJ7YE, today on 10 meters. He started out the QSO at 30 milliwatts, I was basically QRO for him at 3 watts. I wanted to send off a QSL, but Buckmaster only lists him as: "Bert, Bonn"... Here has got to be a lot of Bert's in Bonn I so was wondering if anyone has a recent QSL from Bert with a better address.

(his miles/watt for this QSO ... something like 165,000)

Anyway, thanks and 72,

--
/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Tue, 02 Mar 1999 14:19:09 +0000
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [34609] Gary Scott!!! KT7K
Message-ID: <36DBF35D.85BDD4C8@steadynet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For some reason the emails that I am sending to you, bounce back.

Yes we are still in business, doing well. Yes, we still have the
POLY-Caps. URL to site is below.

We will be coming out with a Coax-Grabber next month, and also after
that a new box for the ZM-2 with premade faceplate. We will also sell
the boxes with a metal faceplate as a project box.

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Tue, 02 Mar 1999 17:23:17 -0500
From: "David P. Drake" <dpd@dtpax2.ncifcrf.gov>
To: qrp-1@Lehigh.EDU
Subject: [34610] Re: Panel labels
Message-ID: <4.1.19990302171902.010cf8e0@dtpax2.ncifcrf.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dry transfer (rub on) labels can be had at most well stocked model railroad
shops. If they don't have them they should be able to get them or tell you
where to get them. Sorry I don't have prices.

N3LSB - Dave	dpd@dtpax2.ncifcrf.gov
Taneytown, MD	QRP-1#:317
Carroll County	FM19jp

Date: Tue, 2 Mar 1999 17:31:54 -0800
From: w4bws@juno.com
To: k7gt@arrl.net
Cc: qrp-1@Lehigh.EDU

Subject: [34611] Re: How about QRP-L QSO party?
Message-ID: <19990302.174557.-103837.1.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about Easter weekend??? Beats looking for eggs.
Don w4bws

On Tue, 02 Mar 1999 09:16:20 -0800 Allan G Taylor <k7gt@arrl.net> writes:
>Come on, guys... the Foxhunt isn't all that friendly. I believe the
>suggestion was to have an event OTHER than a FOXHUNT that doesn't
>have
>a specific theme other than talking to other QRP-L guys and goils.
>The
>ARS Spartan Sprints are friendly enough, but can be hard to fit in.
>(I personally cannot do the Spartan Sprints until the end of the
>current
>semester). The Zombie event of last Halloween was fun...that is about
>the right idea, but let's extend it to all of QRP-L. Let's do them
>quarterly and on either a Friday evening or Saturday afternoon.
>
>Perhaps we ought to spend as much time on the air as we do reading
>email... Let's do a contest!
>
>
>Flak jacket on...
>
>
>--
>
> |
> /|
> / |
> | /Z |\
> Allan Taylor, PE K7GT | /599| \ QRP-L 1016 FISTS 3222
> k7gt@arrl.net |/_|/_|_/_|_/_ ARS 228 10X 69929
> operating nr SF/Oakland CA /_||/_|_/_|_/_ DXCC 8171/CW 1395/40m
>..."QRP, QRO, or barefoot..."... [\--=====/
>~~~~~
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Tue, 02 Mar 1999 16:59:34 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [34612] N7RR's Homebrew Paddles - Mods
Message-ID: <1.5.4.32.19990302225934.0098cc04@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

1) In response to several inquiries:

The paddles used in N7RR's project are common miniature momentary switches. They are exposed-pin single-touch models for AC circuits and feature quick-connect spade-type terminals. The "touch" varies though all models have long pre-travel and over-travel characteristics. In paddle language this translates to very wide spacing and a soft action though it is perfectly acceptable for this application.

There are many manufacturers including C & K, Cherry and Crouzet. The packaging is usually a brown plastic shell (1" x 3/4" x 1/2" LWH typical) with a small white actuating button near an edge on one end. Some models feature a metal arm with or without roller). The arms can be bent backwards until they snap off without affecting electrical performance.

For drawings see Allied catalog #980 (pages 207, 212, 214) or Digikey catalog #Q991 (pages 407, 408).

2) Regarding "one-handing" paddles mounted in a plastic pill bottle:

The generic perscription bottle I chose has no markings. The plastic bends easily to accomodate the switches so the dimensions are not critical. W0NVN has my paddles so I'm guessing the diameter was around 1" or so and the bottle has a slight taper.

Very soft switches seem to work better two-handed, for me anyway. Switches with a slightly firmer "touch" work better one-handed. Depending on operator technique a harder setting allows fingertips to rest right on the buttons while waiting to transmit. This is difficult to achieve with soft-touch models.

I have picked bluegrass banjo for almost thirty years so the one-handed alternative is natural for me. But, like CW all it took to learn was a little dedication and practice. When successful it is nice to be able to key with the left hand and log with the right hand.

In retrospect it seems that the one-handed technique would be useful for mobile CW ops and perhaps a lot safer. I can also see taping the paddle assembly to the passenger seat to achieve the same effect.

3) Tape or tie-wrap the pill bottle paddles (or N7RR's basic design) to a weighted base and there is a desk-type keyer. In did exactly that with a rusty iron square after adding rubber feet. It worked okay but looked really awful. On an operating desk the feel leaves something to be desired compared to commercial paddles. However, the price is hard to beat and converting back to portable configuration is a snap.

Hope this is helpful to everyone inquiring. I've done some experimenting with momentary pc mount button switches in an effort to by-pass the long travel characteristics of the larger switches. If anyone wants to pick up on the thought and develop a practical design many homebrewers would be interested, I'm sure of that.

Best regards,

de Dave, NF0R nf0r@slacc.com

Date: Tue, 2 Mar 1999 23:04:39 -0000
From: "Andy" <andy@gm0nwi.freemove.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [34613] Fw: GQRP - "Everybody Needs Somebody Sometimes "
Message-ID: <001001be6501\$0d9cb8e0\$358d883e@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Andy <andy@gm0nwi.freemove.co.uk>
To: GQRP-L <qrp-1@blacksheep.org>

Date: 23 February 1999 20:17

Subject: GQRP - "Everybody Needs Somebody Sometimes" "

>Well another well know words to a song

>

>The truth is guys, I am posting this little quote on the

>list for the following reason, due again to my lack of independqace thanks

>to spina bifida

>I am finding it difficult again to track this down

>

>I am in need of a replacement front panel for my HW8 qrp rig (my baby),

>I am at the moment in the process of refurbishing it, and the front panel

>is to say the least a bit grotty, the decals are hard to read due to fading

>and the

>paint around the band switches etcs is cracked and broken.

>

>Does anyone PLEASE have a spare front panel for my HW8 in good or

>excellent condition that they would either like to sell or which is of

>surplus requirements.??

>

>I have in the past found the list to be of invaluble assistance in locating

>things and heres hopin' that it will come up on tops again

>

>72s de GM0NWI Long Live QRP !!

>andy@gm0nwi.freemove.co.uk

>

>

>---

>Via GQRP-L - The G-QRP Club mailing list

>

Date: Tue, 2 Mar 1999 18:21:20 -0500 (EST)

From: malman@world.std.com (joel malman)

To: qrp-l@Lehigh.EDU

Cc: k1qm@world.std.com

Subject: [34614] Antenna Advice: Choke Balun

Message-ID: <199903022321.AA28123@world.std.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

My old G5RV is showing its age so this spring I am going to replace it with a multi-band dipole (probably for 40-20-15-10). The new antenna

is going to be COAX fed (clearly unbalanced). I was planning on using a Choke Balun (at the far end of the coax).

Question:

Is it still OK just roll 5-8 turns of RG-8 coax to make a choke balun. I suspect it would work as well as one of those commercial choke baluns.

Thanks for the help .. it has been quite a while since I last built an unbalanced antenna system.

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Tue, 2 Mar 1999 18:16:59 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [34615] comments....TS-50s
Message-ID: <f2198aea.36dc716b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang;

I wonder if any of you have ever owned a Kenwood TS-50 . If so could you tell me your thoughts on the radio. Please email privately so as not to ty up the list. Thank You.

Les K4NK

Date: Tue, 02 Mar 1999 17:40:00 -0600
From: DONALD DORN <DDORN@CWIS.NET>
To: QRP-L@LEHIGH.EDU
Subject: [34616] FS A FEW ODDS AND ENDS
Message-ID: <36DC76D0.105E@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have the following items for sale:

1. Johnson roller inductor (20 UH I think, but not sure)
with turns counter.....\$20.00 shipped.
2. Drake model W4 Wattmeter. \$20.00 shipped.
3. MFJ multireader, model 462. Stand alone type with LCD readout.
Reads CW, RTTY, and AMTOR. I bought it new and have never used it
so don't know how well it works. With manual. \$30.00 shipped.
4. Maxon MCB-30 CB, with the Steve Weber mod to 10 meters. Works just
fine but I don't use it. I think I paid about 65 bucks for the radio
and mod kit, don't remember for sure....\$40.00 shipped.

Shoot me an email if you have questions about any of this.

Don K5AAR Lake Eufaula, Ok.

Date: Tue, 02 Mar 1999 17:47:23 -0600
From: Ron Keener <rkeener@realtime.net>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34617] Re: Antenna Advice: Choke Balun
Message-ID: <36DC788B.5882@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

choke baluns work great - i have them on all my antennas including my
screwdriver

ron wa0ree

--

ron keener (in the beautiful Texas hill country near Austin, Texas)

Date: Tue, 2 Mar 1999 18:47:24 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [34618] CW Contacts
Message-ID: <19990302.184725.-771237.4.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I have been reading the threads about cw and a couple people upgrading.
I just thought I would throw this out:

How many of you remember your first cw contact ?

How many of you don't remember your first cw contact ?

I remember mine clearly and the comments related to me later by my first
contacts wife:

"Don't go too fast, Doug, it's Fred ! "

Gosh, what good memories I have of that contact.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

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or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1383

